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US D498654 S	20041123	Diamond bench stone	D8/91		Smith; Richard S.
US 6818890 B1	20041116	High performance ion mobility spectrometry using hourglass electrodynamic funnel and internal ion funnel	250/288	250/282; 250/290; 250/291; 250/292; 250/396R	Smith; Richard D. et al.
US 6803565 B2	20041012	Ionization source utilizing a multi-capillary inlet and method of operation	250/288	250/281; 250/282; 250/292; 250/396R	Smith; Richard D. et al.
US 6798323 B2	20040928	Welded AC electromagnet lamination assembly incorporating shading coil	335/132	335/236	Smith; Richard G. et al.
US 6797806 B2	20040928	Fragments of CR1 and their use	530/300	424/185.1; 424/195.11; 530/380; 530/387.3; 530/395; 530/402	Mossakowska; Danuta Ewa Irena et al.
US 6794971 B2	20040921	System and method for removing noise from AC operated electro magnets	335/249	335/247; 335/279	Smith; Richard G.
US 6789345 B1	20040914	Fish lure making system	43/4		Smith; Richard F.
US 6787760 B2	20040907	Method for increasing the dynamic range of mass spectrometers	250/282	250/292	Belov; Mikhail et al.
US 6786484 B2	20040907	Sheet inverter	271/291		Smith; Richard W.
US 6777278 B2	20040817	Methods of fabricating aluminum gallium nitride/gallium nitride high electron mobility transistors having a gate contact on a gallium nitride based cap segment	438/172	257/E29.127; 257/E29.249; 438/180; 438/182	Smith; Richard Peter
US D493684	20040803	Abrasive stone	D8/90	D8/92	Smith; Richard S.

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US 6770828 B2	20040803	System and method for electrical contacts and connections in switches and relays	200/263	200/262; 200/268	Smith; Richard G.
US 6770631 B1	20040803	Non-identical genes and their application in improved molecular adjuvants	514/44	435/320.1; 435/455; 435/91.4	Cox; Vivienne Frances et al.
US 6752959 B2	20040622	High-speed, low temperature sterilization and sanitization apparatus and method	422/28	141/89; 141/91; 422/1; 422/298; 422/302; 422/303; 53/425	Smith; Richard T. et al.
US 6751836 B2	20040622	Method of enabling the spacing of metal units	29/401.1	414/785	Smith; Richard A.
US 6749202 B1	20040615	Face seal cartridge	277/371	277/375; 277/382	Smith; Richard J.
US 6739110 B2	20040525	Method and apparatus for product packaging	53/411	53/397; 53/399	Ogden; John Colin et al.
US 6736958 B1	20040518	Ion sensing method	205/789	210/633; 210/634; 210/656; 210/660; 422/82.03; 423/181; 423/21.5; 423/24; 423/49; 435/288.6; 436/161	Smith; Richard Harding et al.
US 6713606 B1	20040330	Conjugates of soluble peptidic compounds with membrane-binding agents	530/350	530/402	Smith; Richard Anthony Godwin et al.
US 6713549 B1	20040330	Silica reinforced rubber composition prepared with pre-treated silica article of manufacture, including a tire, having at least one component comprised of such rubber composition	524/492	152/209.1; 524/495; 525/331.9; 525/342	Wideman; Lawson Gibson et al.
US 6712897 B2	20040330	Pre-blend composition, and method of making joint compound using same	106/189.1	106/194.2; 106/197.01; 106/198.1	Ayambem; Amba et al.
US 6701606	20040309	Method for forming an AC	29/602.1	29/606;	Smith; Richard G.

B2		electromagnet lamination assembly incorporating shading coil		29/607; 29/609	et al.
US 6695919 B2	20040224	Ramp surface for an apparatus for coating tablets	118/303	118/DIG.5	Jones; David M. et al.
US 6692571 B2	20040217	Split plenum arrangement for an apparatus for coating tablets	118/303	118/DIG.5	Jones; David M. et al.
US 6689738 B2	20040210	Oxidation process and composition	510/500	510/302; 510/303; 510/311; 510/370; 510/376; 510/499; 510/501	Convents; Daniel et al.
US D486052 S	20040203	Abrasive stone	D8/91	D8/93	Smith; Richard S.
US 6676856 B1	20040113	Deacidification treatment of printed cellulosic materials	252/387	252/400.62; 422/10; 422/12; 427/296	Smith; Richard Daniel
US 6675452 B2	20040113	Method of enabling the nesting of metal units	29/401.1	204/280; 204/292; 414/766; 414/790.2	Smith; Richard A.
US 6661587 B2	20031209	Confocal optical design for optical coupling	359/784	359/664; 385/33; 385/35	Smith; Richard G.
US 6651727 B1	20031125	Method and apparatus for injecting molten metal into a mold	164/113	164/305; 164/312	Prince; Greg A. et al.
US 6645291 B2	20031111	Joint compound and method of using same	106/793	106/794; 106/817	Ayambem; Amba et al.
US 6632619 B1	20031014	Microfluidic system and methods of use	435/7.2	422/55; 422/57; 422/58; 435/287.1; 435/7.24; 436/514; 436/518; 436/805	Harrison; Daniel Jed et al.
US 6629040 B1	20030930	Isotope distribution encoded tags for protein identification	702/23	250/281; 530/409; 702/19	Goodlett; David R. et al.
US D479848 S	20030923	Nestable industrial metal cathode for the mining	D15/199		Smith; Richard A.

		industry			
US 6622449 B2	20030923	Door panel and method of forming same	52/656.9	52/309.11; 52/455; 52/784.1	Smith; Richard D. et al.
US 6612654 B2	20030902	Chair with upholstered inserts	297/440.11	297/218.1; 297/440.15; 297/440.22; 297/56	Laws; David J. et al.
US 6608302 B2	20030819	Method for calibrating a Fourier transform ion cyclotron resonance mass spectrometer	250/252.1		Smith; Richard D. et al.
US 6598544 B2	20030729	Locking mechanism for folding legs	108/131	108/130; 108/132; 248/436	Laws; David J. et al.
US H002068 H	20030701	Pneumatic tire and innerliner and method for manufacture	152/510	152/511; 428/495; 428/515; 525/240; 525/334.1	Carter; John Darrell et al.
US 6586384 B2	20030701	Method of treating fabrics and apparatus used therein	510/392	510/283; 510/286; 510/299; 510/300; 510/302; 510/303; 510/305; 510/308; 510/372; 510/374; 510/375; 510/379; 510/380; 510/393; 510/394	Hemmington; Sandra et al.
US 6583708 B1	20030624	Fuse cutout with integrated link break lever and fuse link ejector	337/169	337/172; 337/174; 337/175; 337/292; 361/104; 361/115	Smith; Richard W. et al.
US 6583408 B2	20030624	Ionization source utilizing a jet disturber in combination with an ion funnel and method of operation	250/288	250/292; 250/396R	Smith; Richard D. et al.
US 6582117	20030624	Mixing apparatus including a	366/332	366/605	Rogers; Christopher

B2		container and a mixing device with a releasably connected reciprocating head			Roy et al.
US 6579365 B1	20030617	Apparatus for coating tablets	118/303	118/DIG.5	Jones; David M. et al.
US 6573324 B1	20030603	Tire with component comprised of rubber composition containing pre-hydrophobated silica aggregates	524/492	524/493; 524/495	Cohen; Martin Paul et al.
US RE38115 E	20030506	Dextromethorphan and an oxidase inhibitor for treating intractable conditions	514/289	514/305; 514/491; 514/649; 514/651; 514/652; 514/654	Smith; Richard Alan et al.
US 6555609 B1	20030429	SILICA REINFORCED RUBBER COMPOSITION WHICH CONTAINS THIOGLYCEROL COUPLING AGENT AND BENZOTHAZYL DISULFIDE AND ARTICLE OF MANUFACTURE, INCLUDING A TIRE, HAVING AT LEAST ONE COMPONENT COMPRISED OF SUCH RUBBER COMPOSITION	524/424	152/209.1; 523/210; 523/215; 523/216; 524/496; 524/571	Wideman; Lawson Gibson et al.
US 6548333 B2	20030415	Aluminum gallium nitride/gallium nitride high electron mobility transistors having a gate contact on a gallium nitride based cap segment	438/172	257/194; 257/E29.127; 257/E29.249; 438/167; 438/178	Smith; Richard Peter
US 6538570 B1	20030325	Glass-break detector and method of alarm discrimination	340/550	340/566	Smith; Richard A.
US 6537147 B2	20030325	Tile roof ridge vent	454/365	52/199	Smith; Richard D.
US 6534584 B2	20030318	SILICA REINFORCED RUBBER COMPOSITION WHICH CONTAINS CARBON BLACK SUPPORTED THIOGLYCEROL	524/493	524/261; 524/424; 524/492; 524/495; 524/496; 525/349	Wideman; Lawson Gibson et al.

		COUPLING AGENT AND ARTICLE OF MANUFACTURE, INCLUDING A TIRE, HAVING AT LEAST ONE COMPONENT COMPRISED OF SUCH RUBBER COMPOSITION			
US 6528592 B1	20030304	Silica reinforced rubber composition which contains non-silane coupling agent and article of manufacture, including a tire, having at least one component comprised of such rubber composition	525/332.1	524/442; 524/495; 525/333.1; 525/333.2; 525/342; 525/343; 525/384; 525/385; 525/386	Wideman; Lawson Gibson et al.
US D470932 S	20030225	Outdoor-heater offset arm	D23/386		Smith; Richard R. et al.
US 6523641 B2	20030225	Trailer mounted, retractable elevated hunting stand	182/63.1	182/127	Smith; Richard D.
US D470132 S	20030211	Base transceiver station for mobile network	D14/140.2		Smith; Richard
US 6518231 B2	20030211	Enhancement of air bleaching catalysts	510/367	510/375; 510/399	Appel; Rene et al.
US 6512105 B1	20030128	Methods for making oligonucleotide probes for the detection and/or quantitation of non-viral organisms	536/24.3	435/6; 436/501; 536/23.1; 536/24.31; 536/24.32; 536/25.3; 702/20	Hogan; James John et al.
US 6506553 B1	20030114	Method for diagnosis of Epstein-Barr virus associated disease	435/5	424/184.1; 424/186.1; 424/204.1; 424/230.1; 435/7.1; 530/326	Smith; Richard S. et al.
US 6498340 B2	20021224	Method for calibrating mass spectrometers	250/252.1	250/282	Anderson; Gordon A. et al.
US 6493202 B2	20021210	Electromagnetic operator for an electrical contactor and method for controlling same	361/152	361/160	Kappel; Mark A. et al.
US 6484714 B1	20021126	High temperature fireplace grate including room heating transfer tubes	126/525	126/163R; 126/522; 126/527;	Smith; Richard D.

				126/533; 126/540; 126/77	
US D465836 S	20021119	Outdoor heater with offset arm	D23/342		Smith; Richard R. et al.
US 6462261 B1	20021008	Harmonicas	84/377	84/378	Smith; Richard
US 6460659 B1	20021008	Brake wear indicator	188/1.11W	188/1.11R; 188/71.5	Schaffer; James W. et al.
US 6460644 B1	20021008	Two position tilt hood	180/89.17		Smith; Richard Jon et al.
US 6459577 B1	20021001	Thermal chimney for a computer	361/690	165/80.3; 257/722; 361/703; 361/704; 454/184	Holmes; Steve et al.
US 6458882 B1	20021001	Silica reinforced rubber composition which contains non-silane coupling agent and article of manufacture, including a tire, having at least one component comprised of such rubber composition	524/492		Pyle; Kevin James et al.
US D463116 S	20020924	Carrying case	D3/226		Smith; Richard D.
US 6451752 B1	20020917	Method of pretreating and bleaching stained fabrics	510/370	510/283; 510/284; 510/303; 510/367; 510/375; 510/376	Delroisse; Michel Gilbert et al.
US 6439635 B1	20020827	Hydraulic seat lift for all- terrain vehicles	296/65.01	182/69.6; 297/216.15; 43/1	Hardy; Robert B et al.
US 6436185 B1	20020820	Joint compound and method of making same	106/793	106/794; 106/817; 106/DIG.3	Ayambem; Amba et al.
US 6429643 B1	20020806	Device for measuring power using switchable impedance	324/142	324/103R	Smith; Richard T.
US 6422645 B1	20020723	Storable folding chair	297/56	297/239	Smith; Richard D. et al.
US 6422434 B1	20020723	Dispenser pumps	222/571	222/375; 222/383.1; 417/569	Lammond Wass; Anthony Charles et al.
US D459876 S	20020709	Carrying case	D3/226		Smith; Richard D

US 6417749 B1	20020709	Electric contactor housing	335/132	335/202	Kappel; Mark A. et al.
US 6416212 B1	20020709	Method and apparatus for mixing materials in a bag with a movable plunger	366/117	366/200; 366/204	Rogers; Christopher Roy et al.
US 6411489 B1	20020625	Electromagnetic operator for an electrical contactor and method for controlling same	361/160	361/170; 361/187	Kappel; Mark A. et al.
US 6401357 B1	20020611	End of cycle detector and method for microwave clothes dryer	34/260	219/707	Smith; Richard D. et al.
US 6393725 B1	20020528	Compact microwave clothes dryer and method	34/260	219/681; 219/756; 219/757; 34/261; 34/265; 34/499; 34/601; 34/604; 34/607	Smith; Richard D. et al.
US 6384702 B1	20020507	Stationary contact for an electrical contactor and method for conducting current through same	335/202	200/275; 335/16	Smith; Richard G. et al.
US 6374936 B1	20020423	Hood closure guide and seal	180/89.17	180/69.23	Smith; Richard Jon
US 6374523 B1	20020423	Holder for mounting to a surface and interchangeably displaying a sheet of material	40/611.06	40/594; 40/611.05; 40/765	Smith; Richard
US 6363687 B1	20020402	Secured cell, rapid fill automated tablet order filling system	53/55	53/131.2; 53/493; 53/495; 53/900	Luciano; Robert A. et al.
US 6354464 B1	20020312	Gasoline dispensing system and method with automatic dispensing shutoff	222/1	222/71; 222/73; 222/75	Smith; Richard M. et al.
US 6348731 B1	20020219	Copper interconnections with enhanced electromigration resistance and reduced defect sensitivity and method of forming same	257/751	257/752; 257/760; 257/763; 257/768; 257/E21.584; 257/E21.585	Ashley; Leon et al.
US 6346579 B1	20020212	Pneumatic tire having a tread compound derived from latex blend	525/233	524/501; 526/338; 526/340	Zanzig; David John et al.
US 6345863	20020212	Folding chair with lumbar	297/56	297/447.2;	Laws; David J. et

B1		support and flexible back support		297/452.3	al.
US 6345487 B1	20020212	High quality control tablet filler device	53/54	53/147; 53/244; 53/250; 53/501; 53/55	Luciano; Robert A. et al.
US 6328060 B1	20011211	Gasoline dispensing unit and method with improved hose handling	137/355.2	137/355.23; 242/376	Smith; Richard Michael
US D451555 S	20011204	Set of components for a drop-in nameplate	D20/42		Smith; Richard
US 6318497 B1	20011120	Pressure-sensitive switch, its method of calibration and use in a hydrophone array	181/110	310/337; 367/141; 84/111	De Groot; Thomas J. et al.
US 6318186 B1	20011120	Type identification and parameter selection for drive control in a coriolis flowmeter	73/861.356		Smith; Richard L. et al.
US 6311628 B1	20011106	Spillage retaining fitment for pallets	108/55.1		Smith; Richard Anthony et al.
US D449295 S	20011016	Ear insert	D14/223	D14/142	Smith; Richard C. et al.
US 6302921 B1	20011016	Method of bleaching stained fabrics	8/111	252/186.33; 510/303; 510/311; 510/372; 510/376	Delroisse; Michel Gilbert et al.
US 6296111 B1	20011002	Modular conveyor beam assembly	198/860.1	198/836.3; 198/860.2	Mekanik; Mark E. et al.
US D447754 S	20010911	Hood	D15/31		Smith; Richard Jon et al.
US 6287954 B1	20010911	Method of forming copper interconnections with enhanced electromigration resistance and reduced defect sensitivity	438/622	257/E21.584; 257/E21.585; 438/618; 438/624; 438/625; 438/657; 438/687	Ashley; Leon et al.
US 6285453 B1	20010904	On-line color monitoring and control system and method	356/425	250/226; 356/402; 366/132; 8/400	Smith; Richard
US 6282076 B1	20010828	Method for controlling an electromagnetic operator of an electrical device	361/187	361/210	Kappel; Mark A. et al.
US 6278696	20010821	Communication method and	370/278	370/315;	Feldman; Howard

B1		apparatus		370/338	Ray et al.
US 6266646 B1	20010724	Method and apparatus for providing choices for a facility	705/9		Fargher; Hugh E. et al.
US 6258710 B1	20010710	Sub-quarter-micron copper interconnections with improved electromigration resistance and reduced defect sensitivity	438/628	257/E21.584; 257/E21.585; 427/123; 427/124; 427/96.8; 427/97.2; 427/98.3; 438/654; 438/658; 438/660; 438/687	Rathore; Hazara S. et al.
US 6245883 B1	20010612	Anti-inflammatory carbohydrate binding-peptides	530/300	424/184.1; 424/185.1; 424/190.1; 424/240.1; 424/275.1; 424/282.1; 530/324; 530/326; 530/327; 530/329; 530/350; 530/868	Heerze; Louis D. et al.
US D442777 S	20010529	Carrying case	D3/226		Smith; Richard D
US 6236717 B1	20010522	Simultaneous voice/data answering machine	379/88.22	379/88.13	Bremer; Gordon et al.
US 6233237 B1	20010515	Method and protocol for connecting data calls using R2 signaling	370/384	370/467; 370/522; 379/229	Yucebay; Mustafa S. et al.
US 6233131 B1	20010515	Electromagnetic operator for an electrical contactor and method for controlling same	361/160	361/115; 361/170	Kappel; Mark A. et al.
US 6221831 B1	20010424	Free flowing detergent composition containing high levels of surfactant	510/438	510/299; 510/426; 510/434; 510/443; 510/444; 510/445	Emery; William Derek et al.
US 6216361 B1	20010417	Dehydration of drilling mud	34/329	34/381; 507/109; 507/145	Smith; Richard J. et al.
US 6216062	20010410	Step-less vehicle display	701/1	324/115;	Cwik; Terry

B1		allowing irregular update intervals		324/166; 701/35	Thomas et al.
US D439577 S	20010327	Base transceiver station for mobile network	D14/140.2		Smith; Richard
US 6207674 B1	20010327	Dextromethorphan and oxidase inhibitor for weaning patients from narcotics and anti-depressants	514/289	514/305; 514/491; 514/649; 514/651; 514/652; 514/654	Smith; Richard A.
US 6206897 B1	20010327	Enhanced visualization of the latching mechanism of latching surgical devices	606/157	606/158; 606/220	Jamiolkowski; Dennis D. et al.
US 6199069 B1	20010306	System and method for switching between databases without disruption to applications	707/202		Dettinger; Barbara Michelle et al.
US 6198614 B1	20010306	Electrical contactor and method for controlling same	361/115	361/160	Kappel; Mark A. et al.
US 6194984 B1	20010227	Movable contact assembly for an electrical contactor	335/132	218/152; 218/155	Kappel; Mark A. et al.
US 6187751 B1	20010213	Biologically active peptide of ob protein	514/12	435/69.4; 514/13; 514/14; 530/324; 530/326; 530/327; 530/345; 530/410	Smith; Richard Anthony Godwin et al.
US 6187190 B1	20010213	Apparatus for molecular weight separation	210/321.78	210/259; 210/321.6; 210/321.87	Smith; Richard D. et al.
US 6186874 B1	20010213	Blade sharpening apparatus	451/164	451/170	Smith; Richard
US D436352 S	20010116	Base transceiver station for a mobile network	D14/140.2	D14/137; D14/358	Smith; Richard M
US 6169541 B1	20010102	Method, apparatus and system for integrating television signals with internet access	715/716	348/564; 725/112	Smith; Richard Michael
US 6151955 A	20001128	Device and method for testing a vapor recovery system	73/40	141/59; 141/83; 141/96; 222/171; 222/23; 222/424; 222/44;	Ostrowski; Gary Michael et al.

				73/40.5R	
US 6150517 A	20001121	Methods for making oligonucleotide probes for the detection and/or quantitation of non-viral organisms	536/25.3	435/6; 436/501; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James John et al.
US 6147484 A	20001114	Device for measuring power using switchable impedance	324/142	324/141	Smith; Richard T.
US 6145179 A	20001114	Method and apparatus for shock absorber removal	29/426.5	29/253; 29/267; 29/275; 29/426.6	Smith; Richard A. et al.
US D432805 S	20001031	Folding chair	D6/368		Smith; Richard D.
US 6135216 A	20001024	Venting and sealing system for down-hole drills	175/296	91/317	Lyon; Leland H. et al.
US 6132975 A	20001017	Method of collecting markers of bone metabolism from sweat	435/7.1	422/50; 422/56; 422/61; 435/7.92; 435/967; 435/973; 436/174; 436/501; 436/518; 436/811; 436/813; 436/815; 436/86	Kanan; Paul G. et al.
US 6132026 A	20001017	Integrated translating service station for inkjet printheads	347/32		Taylor; Bret K. et al.
US 6130752 A	20001010	On-line color monitoring and control system and method	356/425	250/226; 356/402; 366/132; 8/400	Smith; Richard
US 6130161 A	20001010	Method of forming copper interconnections with enhanced electromigration resistance and reduced defect sensitivity	438/687	257/751; 257/E21.584; 257/E21.585	Ashley; Leon et al.
US 6107628 A	20000822	Method and apparatus for directing ions and other charged particles generated at	250/292	250/396R	Smith; Richard D. et al.

		near atmospheric pressures into a region under vacuum			
US 6092538 A	20000725	Method for using high density compressed liquefied gases in cleaning applications	134/1.3	134/105; 134/111; 134/184; 134/25.4; 134/902; 257/E21.228	Arai; Kunio et al.
US 6069068 A	20000530	Sub-quarter-micron copper interconnections with improved electromigration resistance and reduced defect sensitivity	438/628	257/E21.584; 257/E21.585; 427/123; 427/124; 427/96.8; 438/654; 438/658; 438/660; 438/687	Rathore; Hazara S. et al.
US D424363 S	20000509	Combined barbeque kettle grill with cart and shelves	D7/334		Smith; Richard R.
US 6059452 A	20000509	Quick registering thermometer	374/169	374/121; 374/183; 600/549; 702/133	Smith; Richard P. et al.
US 6058703 A	20000509	Fluid valve transmission	60/449	137/625.23; 60/489	Smith; Richard
US D423811 S	20000502	Drawer and rack for cassette cabinet	D6/407		Smith; Richard
US 6057131 A	20000502	Preparation and use of sialylated glycoforms of soluble complement receptor 1 (CR1)	435/69.1	514/8; 530/412	Marsh, Jr.; Henry C. et al.
US 6050143 A	20000418	Fluid flow system and method for sensing fluid flow	73/239	324/207.17; 324/207.2; 73/861.77	Smith; Richard Michael
US 6046266 A	20000404	Tire with silica reinforced tread and/or sidewall components	524/492	524/493; 524/495; 524/496	Sandstrom; Paul Harry et al.
US 6042358 A	20000328	Machine for making balls of butter	425/313	425/311; 425/332; 425/364R; 426/516; 426/518; 83/16; 83/169	Komdeur; Kasper et al.
US 6041965 A	20000328	Multi-fuel dispensing system and method	222/25	141/104; 141/248;	Smith; Richard

				141/9; 222/1; 222/144.5	
US 6038929 A	20000321	Three-way valved apparatus and method for testing pressure in a fluid system	73/756	73/40.5R	Smith; Richard Michael
US 6037795 A	20000314	Multiple device test layout	324/763	324/158.1; 324/760; 324/765	Filippi; Ronald G. et al.
US 6015155 A	20000118	Motor vehicle suspension system	280/5.505	280/5.504; 280/5.514; 280/6.155; 701/91	Brookes; Graham Robert et al.
US 6012376 A	20000111	Gun sight system for a military vehicle	89/41.19	359/683; 359/697; 359/820; 89/41.06	Hanke; Dietmar H. et al.
US 5993892 A	19991130	Method of monitoring and controlling electroless plating in real time	427/8	427/443.1; 427/9	Wasserman; Arthur et al.
US 5993633 A	19991130	Capillary electrophoresis electrospray ionization mass spectrometry interface	204/601	204/450; 250/288; 977/882	Smith; Richard D. et al.
US 5980018 A	19991109	Translational service station system for inkjet printheads	347/31	347/32; 347/33; 347/35	Taylor; Bret K. et al.
US D415367 S	19991019	Drawer and rack for cassette cabinet	D6/407	D6/511	Smith; Richard
US 5960788 A	19991005	Collapsible portable outdoor fireplace	126/506	126/276; 126/519	Bach; Kent et al.
US 5955413 A	19990921	Carpet cleaning and reapplication system based on methacrylic acid polymer, sequestrant, and anionic surfactant	510/278	510/280; 510/299; 510/357; 510/359; 510/361; 510/400; 510/434; 510/476; 8/115.56; 8/137; 8/149.1; 8/149.3	Campagna; Jason A. et al.
US 5954959 A	19990921	Microdialysis unit for molecular weight separation	210/321.78	210/259; 210/321.6; 210/321.87	Smith; Richard D. et al.
US D413120 S	19990824	Telephone set	D14/151		Girardi; Joseph et al.

US 5940044 A	19990817	45 degree polarization diversity antennas	343/810	343/794; 343/893	Smith; Richard L.
US 5929318 A	19990727	System and method for sensing low levels of a particular gas in an atmosphere	73/23.2	204/426	Smith; Richard A.
US D412171 S	19990720	Telephone set	D14/151		Girardi; Joseph et al.
US 5925702 A	19990720	Innerliner for pneumatic tires	524/449	524/451; 524/495	Hecker; Kenneth Carl et al.
US 5915003 A	19990622	Sketching unit for transmission of sketches and notes over normal telephone lines	379/93.19	379/100.01; 379/93.17; 379/93.21	Bremer; Gordon et al.
US D409436 S	19990511	Barbecue kettle grill	D7/334		Smith; Richard R.
US 5903005 A	19990511	Aspherical elements for infrared imaging system	250/334	250/339.14	Smith; Richard R.
US 5902248 A	19990511	Reduced size catheter tip measurement device	600/485	600/561; 73/721; 73/727	Millar; Huntly D. et al.
US 5901205 A	19990504	Adaptive voice and data bandwidth management system for multiple-line digital subscriber loop data communications	379/93.01	379/93.07; 379/93.09	Smith; Richard K. et al.
US 5890714 A	19990406	Accessible copy sheet transport with side guides	271/240	271/273; 271/275; 399/388	Brooks; Daniel W. et al.
US 5887713 A	19990330	Holder for compact discs	206/308.1	206/310	Smith; Jeffrey M. et al.
US 5877871 A	19990302	Communication method and apparatus	358/442	358/405; 358/407; 379/100.09; 455/12.1	Smith; Richard Douglas Lane et al.
US 5873271 A	19990223	Trailer vehicle security device	70/58	280/507; 70/14; 70/232; 70/258; 70/DIG.57	Smith; Richard
US D404603 S	19990126	Rack for cassettes	D6/629	D6/467	Smith; Richard
US 5863927 A	19990126	Dextromethorphan and an oxidase inhibitor for treating intractable conditions	514/289	514/305; 514/491; 514/649; 514/651;	Smith; Richard Alan et al.

				514/652; 514/654	
US 5859223 A	19990112	Soluble CR1 derivatives	536/23.5	435/252.1; 435/252.33; 435/320.1; 435/69.2; 530/380	Mossakowska; Danuta Ewa Irena et al.
US 5858969 A	19990112	Therapeutic methods employing sialylated glycoforms of soluble complement receptor 1 (SCR 1)	514/8	424/94.63; 424/94.64	Marsh, Jr.; Henry C. et al.
US D403550 S	19990105	Rack for cassettes and compact discs	D6/629	D6/467	Smith; Richard
US D403299 S	19981229	Battery case	D13/103		Smith; Richard B. et al.
US D402955 S	19981222	Battery case	D13/103		Smith; Richard B. et al.
US 5850830 A	19981222	Heat reflector for use with fireplace grate for high temperature combustion	126/552	126/152R; 126/163R; 126/500; 126/540; 126/553	Smith; Richard D.
US 5841840 A	19981124	Multiple line modem and method for providing voice on demand	379/93.01	379/93.05; 379/93.07; 379/93.08; 379/93.09	Smith; Richard K. et al.
US 5833990 A	19981110	Anti-inflammatory, tolerogenic and immunoinhibiting properties of carbohydrate binding peptides	424/185.1	424/184.1; 424/240.1; 424/282.1; 514/885; 530/350; 530/868	Heerze; Louis D. et al.
US 5833989 A	19981110	Soluble CR1 derivatives	424/185.1	424/195.11; 435/69.9; 530/380	Mossakowska; Danuta Ewa Irena et al.
US 5826040 A	19981020	Method and system for production planning	705/8		Fargher; Hugh E. et al.
US 5814616 A	19980929	Administration of valienamine-related disaccharide compounds in reducing inflammation in a sensitized mammal arising from exposure to an antigen	514/42	514/53; 536/17.9; 536/18.6; 564/462	Srivastava; Om P. et al.
US 5814467 A	19980929	APO AI polypeptides, diagnostic methods and	435/7.9	435/7.92; 435/975;	Curtiss; Linda K. et al.

		systems for quantifying APO AI, and therapeutic methods		436/518; 530/388.25; 530/391.3; 530/811; 530/812	
US 5811999 A	19980922	Power converter having switching frequency phase locked to system clock	327/156	327/158; 327/243; 327/244	Hall; George Arthur et al.
US 5796716 A	19980818	Method and apparatus for simultaneous voice/data transmission	370/207	370/527; 375/222; 375/262	Smith; Richard Kent
US 5786206 A	19980728	DNA encoding recombinant lipoprotein antigens	435/252.33	435/320.1; 530/350; 536/23.5	Smith; Richard S. et al.
US 5781007 A	19980714	Portable three axis scanner to inspect a gas turbine engine spool by eddy current or ultrasonic inspection	324/220	324/227; 324/261; 324/262; 73/660	Partika; Mark et al.
US 5780537 A	19980714	Silica-filled rubber composition containing two different carbon blacks and tire with tread made therefrom	524/493	152/905; 524/494; 524/495; 524/496; 524/565; 524/573; 524/574; 524/575; 524/575.5	Smith; Richard Robinson et al.
US 5773504 A	19980630	Heterogeneous silica carbon black-filled rubber compound	524/492	524/493; 524/495; 524/496	Smith; Richard Robinson et al.
US 5761958 A	19980609	Dynamometer fault detection system	73/862.18	324/772	Tascillo; Mark Anthony et al.
US 5760595 A	19980602	High temperature electromigration stress test system, test socket, and use thereof	324/703	219/209; 324/538; 324/760; 438/14	Edwards; Robert Daniel et al.
US 5755899 A	19980526	Innerliner for pneumatic tires	152/510	152/DIG.16; 524/449; 524/451	Hecker; Kenneth Carl et al.
US 5747040 A	19980505	Anti-inflammatory, tolerogenic and immunoinhibiting properties of carbohydrate binding-peptides	424/190.1	514/885; 530/329	Heerze; Louis D. et al.
US 5736143 A	19980407	Anti-inflammatory, tolerogenic and	424/190.1	424/275.1; 514/885	Heerze; Louis D. et al.

		immunoinhibiting properties of carbohydrate binding-peptides			
US 5731059 A	19980324	Dryer fabric having an abrasion resistant edge	428/192	162/141; 162/900; 162/902; 428/222; 442/99	Smith; Richard W. et al.
US 5725308 A	19980310	Quick registering thermometer	374/169	374/185; 600/508; 702/131	Smith; Richard P. et al.
US 5722557 A	19980303	Fire extinguisher enclosure	220/476	206/583	Smith; Richard D.
US 5721403 A	19980224	Selective circuit bypass for elevator system	187/391	187/247; 187/277; 187/413	Hoppie; Paul C. et al.
US 5720824 A	19980224	Propulsion cleaning system	134/3	134/28; 134/41; 252/188.28	Bronson; David et al.
US 5719923 A	19980217	Sketching unit for transmission of sketches and notes over normal telephone lines	379/100.01	370/493; 379/93.17	Bremer; Gordon et al.
US 5719922 A	19980217	Simultaneous voice/data answering machine	379/88.13	370/493; 379/88.23; 379/93.01	Bremer; Gordon et al.
US 5717065 A	19980210	Synthetic polypeptides and antibodies related to epstein-barr virus nuclear antigen	530/326	530/324; 530/325; 530/329; 530/330	Rhodes; Gary et al.
US 5715454 A	19980203	Version control of documents by independent line change packaging	707/203	707/10; 707/200	Smith; Richard Brittain
US 5697913 A	19971216	Trocar including cannula with stepped region	604/164.11	604/174	Sierocuk; Thomas J. et al.
US 5696197 A	19971209	Heterogeneous silica carbon black-filled rubber compound	524/495	152/905; 524/573; 524/575; 524/575.5	Smith; Richard Robinson et al.
US 5693468 A	19971202	Nucleic acid probes and methods for detecting chlamydia trachomatis	435/6	435/810; 436/501; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32;	Hogan; James John et al.

				536/24.33	
US 5691149 A	19971125	Nucleic acid probes and method for detecting <i>Mycoplasma pneumoniae</i>	435/6	435/810; 436/501; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James John et al.
US 5685343 A	19971111	Decorative pipe tubing cover	138/89	138/109; 138/96R; 166/75.13; 166/94.1; 248/146	Smith; Richard D.
US 5685038 A	19971111	Out-of-balance control for washing machine	8/159	200/61.48; 68/12.06; 68/23.3	Smith; Richard G. et al.
US 5679520 A	19971021	Nucleic acid probes and methods for detecting eubacteria	435/6	435/5; 435/810; 436/501; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James John et al.
US 5679017 A	19971021	Universal battery charger	439/172	439/500	Smith; Richard B.
US 5677129 A	19971014	Nucleic acid probes and methods for detecting legionella	435/6	435/810; 436/501; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James John et al.
US 5677128 A	19971014	Nucleic acid probes and methods for detecting mycobacterium	435/6	435/810; 436/501; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James John et al.
US 5672651 A	19970930	Durable repellent fluorochemical compositions	524/590	524/307; 524/507;	Smith; Richard S.

				524/591; 525/123; 525/455; 528/70	
US 5661227 A	19970826	Moisture sensor for microwave clothes dryer	73/29.01	324/694; 324/696; 34/260; 34/528; 34/550; 73/335.05; 73/73	Smith; Richard D. et al.
US 5648624 A	19970715	Wind chime having a rotating striker	84/404	116/141; D10/116	Smith; Richard L.
US 5646123 A	19970708	Time dependent administration of oligosaccharide glycosides related to blood group determinants having a type I or type II core structure in reducing inflammation in a sensitized mammal arising from exposure to an antigen	514/25	514/885; 536/17.2; 536/17.9	Ippolito; Robert M. et al.
US D380296 S	19970701	Camera filter holder	D3/263	D16/237	Smith; Richard W.
US 5642298 A	19970624	Wafer testing and self- calibration system	702/117	257/E21.525; 257/E21.53; 324/757; 324/765; 414/222.02; 414/935; 414/936; 414/937; 414/938; 414/939; 414/941; 700/218; 700/66; 702/107	Mallory; Roy E. et al.
US 5641836 A	19970624	Rubber compositions	525/152	524/513; 525/177	Carter; John Darrell et al.
US 5636282 A	19970603	Method for dial-in access security using a multimedia modem	726/16	379/442; 379/93.03; 713/155; 713/182	Holmquist; Kurt E. et al.
US 5635651 A	19970603	Dynamometer fault detection system	73/862.18	324/772	Tascillo; Mark A. et al.

US 5632090 A	19970527	Deglazing hand tool	30/319	15/236.1; 30/340	Smith; Richard A.
US 5628819 A	19970513	Method and apparatus for continuous adsorption of adsorbable contaminants and adsorber regeneration	96/122	96/123; 96/125; 96/130; 96/143; 96/150	Mestemaker; Jerald L. et al.
US 5626043 A	19970506	Apparatus for forming curved rectangular bodied needles	72/133	163/5	Bogart; Michael W. et al.
US 5606804 A	19970304	Microwave clothes dryer and method with hazard detection	34/261	34/260	Smith; Richard D. et al.
US 5602846 A	19970211	Simultaneous voice and data call establishment using a simultaneous voice and data modem pool and private branch exchange facilities	370/384	370/493; 379/93.07	Holmquist; Kurt E. et al.
US 5600491 A	19970204	Thermal imaging system for a military vehicle	359/698	359/683	Hull; David A. et al.
US 5599613 A	19970204	Compositions for imparting stain-resistance to polyamide textile products which are lightfast and durable to alkaline washing	252/8.62	427/385.5; 428/395; 428/96; 442/129; 8/115.6; 8/137; 8/DIG.17	Smith; Richard D.
US 5595874 A	19970121	Nucleic acid probes for detection and/or quantitation of non-viral organisms	435/6	435/810; 436/501; 536/22.1; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James et al.
US 5593841 A	19970114	Nucleic acid probes for detection and/or quantitation of non-viral organisms	435/6	435/810; 436/501; 536/22.1; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James et al.
US 5589346 A	19961231	Method of monitoring markers of bone metabolism	435/7.92	435/7.94; 435/961; 435/967;	Kanan; Paul G. et al.

				436/174; 436/501; 436/518; 436/811; 436/813; 436/815; 436/86	
US 5586021 A	19961217	Method and system for production planning	700/100	700/121; 705/7	Fargher; Hugh E. et al.
US 5583922 A	19961210	Telecommunication system for automatic switching between voice and visual data communications using forms	379/93.09	379/93.17; 704/270.1	Davis; Richard A. et al.
US 5580858 A	19961203	Immunosuppressive and tolerogenic modified Lewis.sup.x compounds	514/25	514/61; 536/117; 536/118; 536/119; 536/17.5; 536/18.5; 536/53; 536/54; 536/55	Ippolito; Robert M. et al.
US 5580304 A	19961203	Method and apparatus for venting slaughtered poultry	452/122		Bleth; David et al.
US 5572326 A	19961105	Arrangements for measuring the height of a layer of floating liquid	356/436	356/442	Lightfoot; John A. et al.
US 5571796 A	19961105	Administration of valienamine-related disaccharide compounds in reducing inflammation in a sensitized mammal arising from exposure to an antigen	514/42	514/53; 536/17.9; 536/18.7; 564/462	Srivastava; Om P. et al.
US 5563517 A	19961008	Dual channel d.c. low noise measurement system and test methodology	324/613	324/520; 324/537	Biery; Glenn A. et al.
US 5550155 A	19960827	Methods for the synthesis of monofucosylated oligosaccharides terminating in di-N-acetyllactosaminyl structures	514/540	435/193; 435/195; 435/238; 514/53; 514/54; 514/567; 530/402; 536/116; 536/123.1; 536/123.13;	Kashem; Mohammed A. et al.

				536/53	
US 5548439 A	19960820	Three field of view refractive infrared telescope with fixed medium filed of view	359/353	359/355; 359/399; 359/421; 359/566	Smith; Richard R.
US 5547842 A	19960820	Nucleic acid probes for detection and/or quantitation of non-viral organisms	435/6	435/5; 435/810; 435/91.1; 435/91.2; 436/501; 536/22.1; 536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James et al.
US 5545686 A	19960813	Rubber composition	524/513	525/152; 525/177	Carter; John D. et al.
US 5545304 A	19960813	Ion current detector for high pressure ion sources for monitoring separations	204/603	204/452; 204/601; 250/288; 73/61.58	Smith; Richard D. et al.
US 5541308 A	19960730	Nucleic acid probes for detection and/or quantitation of non-viral organisms	536/23.1	435/6; 435/810; 435/91.1; 435/91.2; 436/501; 436/63; 536/22.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	Hogan; James J. et al.
US 5537441 A	19960716	Controlled simultaneous analog and digital communication	375/261	370/206; 375/222; 379/93.08	Bremer; Gordon et al.
US 5537436 A	19960716	Simultaneous analog and digital communication applications	375/222	375/261; 455/553.1; 455/557	Bottoms; Stanley et al.
US 5531758 A	19960702	Sliding reducer seal for surgical trocar	606/185	604/264	Uschold; Robert C. et al.
US 5526666 A	19960618	Apparatus for forming curved rectangular bodied needles	72/133	163/1; 163/5; 72/384	Bogart; Michael W. et al.
US 5526665	19960618	Apparatus for straightening	72/79	140/147	Smith; Richard J.

A		coiled wire			
US 5522833 A	19960604	Retractable obturator for a trocar	606/185		Stephens; Randy R. et al.
US 5510767 A	19960423	Glass break detector having reduced susceptibility to false alarms	340/566	340/550	Smith; Richard A.
US 5506033 A	19960409	Dryer fabric edge seal	428/192	139/383AA; 162/348; 428/222	Smith; Richard W.
US 5501750 A	19960326	Wick compositions for incendiary devices	149/2	149/109.6; 431/325	Smith; Richard E. et al.
US 5486453 A	19960123	Antibodies to human papillomavirus latent proteins, diagnostic systems and methods	435/5	435/7.92; 435/975; 436/518; 436/548	Dillner; Joakim et al.
US 5482503 A	19960109	Apparatus for washing poultry carcasses	452/173	452/77	Scott; Richard et al.
US D365740 S	19960102	Knife sharpener	D8/93		Smith; Richard S.
US 5479955 A	19960102	Method and apparatus for aseptically filling containers	137/15.16	137/15.17; 137/240; 137/241; 137/319; 141/85; 222/148	Roodvoets; Mark R. et al.
US 5478603 A	19951226	Methods for imparting stain-resistance to polyamide and wool textile products which are lightfast and durable to alkaline washing	427/393.4	427/412; 427/419.1	Smith; Richard D.
US D365361 S	19951219	Molded album	D19/26		Smith; Richard F. et al.
US 5473039 A	19951205	Polypeptide analogs of apolipoprotein E, diagnostic systems and methods using the analogs	530/324	530/326; 530/328	Dyer; Cheryl A. et al.
US 5467795 A	19951121	Methods of sealing annular space between inner and outer gas mains for tie-overs	137/15.11	138/97	Martin; Luther W. et al.
US 5457978 A	19951017	Cartridge fed apparatus for forming curved rectangular bodied needles	72/133	163/1; 163/5; 72/403; 72/405.01; 72/470	Bogart; Michael W. et al.
US 5456909 A	19951010	Glycoform fractions of recombinant soluble complement receptor 1 (sCR1)	424/94.63	424/94.64; 435/69.6; 514/8;	Marsh, Jr.; Henry C. et al.

		having extended half-lives in vivo		530/386	
US 5453272 A	19950926	Lectin derived carbohydrate binding-peptide	424/190.1	424/185.1; 436/827; 514/885; 530/329; 530/868	Heerze; Louis D. et al.
US 5447303 A	19950905	Sheet inverter apparatus	271/291	271/186; 271/187; 271/197; 271/202; 271/65; 271/902	Smith; Richard E.
US 5434385 A	19950718	Dual channel D.C. low noise measurement system and test methodology	219/385	219/209; 324/158.1; 361/38	Biery; Glenn A. et al.
US 5428254 A	19950627	Universal energy pack	307/150	396/301	Smith; Richard B. et al.
US 5423964 A	19950613	Combined electrophoresis-electrospray interface and method	204/452	204/603; 250/288	Smith; Richard D. et al.
US D357535 S	19950418	Circular anastomotic stapler with curved shaft	D24/145		Grant; Richard L. et al.
US 5408038 A	19950418	Nonnatural apolipoprotein B-100 peptides and apolipoprotein B-100-apolipoprotein A-I fusion peptides	530/359	435/7.1; 536/23.5	Smith; Richard S. et al.
US 5401627 A	19950328	Antibodies to human papillomavirus latent proteins, diagnostic systems and methods	435/5	435/339; 436/518; 436/548; 530/387.9; 530/388.3; 530/389.4	Dillner; Joakim et al.
US 5396715 A	19950314	Microwave clothes dryer and method with fire protection	34/261	219/710; 34/494; 34/544	Smith; Richard D.
US 5394726 A	19950307	Apparatus and method for positioning and pressing curved surgical needles	72/311	163/1; 163/5; 72/407; 72/422	Bogart; Michael W. et al.
US 5387197 A	19950207	Trocar safety shield locking mechanism	604/164.12		Smith; Richard S. et al.
US 5374655 A	19941220	Methods for the synthesis of monofucosylated oligosaccharides terminating in di-N-acetyllactosaminy	514/540	435/193; 435/238; 514/53; 514/54;	Kashem; Mohammed et al.

		structures		514/567; 530/403; 536/116; 536/53	
US 5366980 A	19941122	Use of dextromethorphan and an oxidase inhibitor to treat dermatitis	514/289		Smith; Richard A.
US 5360573 A	19941101	Bleach precursors	252/186.39	252/186.38	Smith; Richard G. et al.
US 5357660 A	19941025	Sock pairing apparatus	24/662	2/239; 24/90.1; 24/DIG.29; 40/633	Smith; Richard E.
US RE34757 E	19941018	Combined electrophoresis-electrospray interface and method	204/452	204/453; 204/603; 204/604; 250/288; 250/423R	Smith; Richard D. et al.
US 5351518 A	19941004	Four slider apparatus for forming curved rectangular bodied needles and method	72/401	140/71R; 163/1; 163/5; 72/403	Bogart; Michael W. et al.
US 5351024 A	19940927	Electrical contactor and interrupter employing a rotary disc	335/16	218/30; 335/147; 335/195	Juds; Mark A. et al.
US 5350795 A	19940927	Aqueous oil and water repellent compositions which cure at ambient temperature	524/507	428/423.1; 524/520; 524/544; 524/805; 525/129; 525/199; 525/200; 528/70	Smith; Richard S. et al.
US 5350756 A	19940927	Use of a cytochrome oxidase inhibitor to increase the cough-suppressing activity of dextromorphan	514/289	514/295; 514/305	Smith; Richard A.
US 5344775 A	19940906	Synthesis of taxanes in culture using pseudocallus cells	435/41	435/422	Smith; Richard J.
US 5337214 A	19940809	Bypass contactor for solid state motor starters	361/709	174/16.3; 257/713; 335/135; 361/712; 363/141	Lindsey; Kurt L. et al.
US 5334384 A	19940802	Process for purification of streptakinase using a reducing agent	424/94.63	424/94.1; 424/94.64; 435/212;	Mannix; Christopher J. et al.

				435/216; 435/814; 435/815; 435/885; 514/822	
US 5334051 A	19940802	Connector for coaxial cable having corrugated outer conductor and method of attachment	439/583		Devine; Edward B. et al.
US 5329721 A	19940719	Depth-adjustable fishing lure	43/42.22	43/42.23	Smith; Richard D.
US 5328766 A	19940712	Stain-resistant, lightfast polyamide textile products and woolen goods and compositions and processes therefor	428/378	428/389; 428/395; 428/96; 8/115.6; 8/128.1	Smith; Richard D.
US 5323633 A	19940628	Apparatus and method for orienting a curved workpiece	72/416	163/1; 163/5; 414/18; 414/224.01; 72/420; 72/428	Bogart; Michael W. et al.
US 5323588 A	19940628	Method of packaging aqueous slurries	53/411	141/92; 206/524.3; 53/131.1; 53/401	Zak; James L. et al.
US 5322291 A	19940621	Golf practice apparatus	473/132		Smith; Ronald T. et al.
US 5319167 A	19940607	Electrical contactor employing a rotary disc	218/1		Juds; Mark A. et al.
US D347206 S	19940524	Anchor (bower and mooring)	D12/215		Smith; Richard H.
US 5314417 A	19940524	Safety trocar	604/264	604/274; 606/167; 606/170	Stephens; Randy R. et al.
US 5313259 A	19940517	System and method for operating a multitone imaging apparatus	399/76	347/118; 347/140; 399/167; 399/299	Smith; Richard E.
US 5311596 A	19940510	Continuous authentication using an in-band or out-of-band side channel	380/33	380/266; 713/155; 713/169	Scott; Robert E. et al.
US 5306325 A	19940426	Mold clamping mechanism for glass container forming machine	65/357	425/541; 65/360	Smith; Richard L. et al.
US 5303017 A	19940412	Print skip avoidance for on-line compiling	399/403	271/186	Smith; Richard S.

US 5302390 A	19940412	Hybrid proteins of human plasminogen and human t-PA, pharmaceutical compositions and methods of treatment	424/94.64	424/94.63; 435/212; 435/217; 435/219; 435/226	Browne; Michael J. et al.
US 5301246 A	19940405	Data communications equipment security device using calling party directory number	379/142.06	340/5.74; 375/222; 379/142.15; 379/93.28; 380/257; 713/182	Archibald; James L. et al.
US 5301083 A	19940405	Remote control residential circuit breaker	361/64	335/14; 335/20; 361/115; 361/66	Grass; William E. et al.
US 5292053 A	19940308	Surgical anastomosis stapling instrument	227/179.1	227/19	Bilotti; Federico et al.
US 5287085 A	19940215	Automatic test and connect electrical power system for anti-lock and conventional brake equipped trailers	340/438		Smith; Richard W.
US 5285945 A	19940215	Surgical anastomosis stapling instrument	227/179.1	227/19	Brinkerhoff; Ronald J. et al.
US 5284902 A	19940208	Fabric repellent treatment from hydrocarbon solvent system	524/544	428/392; 428/394; 428/395; 428/421; 428/96; 524/307; 524/316; 526/242; 526/243; 526/244; 526/245; 526/246; 526/247	Huber; Charles D. et al.
US 5275322 A	19940104	Surgical anastomosis stapling instrument	227/175.1	227/19; 72/56	Brinkerhoff; Ronald J. et al.
US 5271544 A	19931221	Surgical anastomosis stapling instrument	227/180.1	227/19	Fox; William et al.
US 5267584 A	19931207	Method of fluid flow control using a porous media	137/13	137/828; 60/203.1	Smith; Richard D.
US 5266205 A	19931130	Supercritical fluid reverse micelle separation	210/639	210/656; 210/659; 530/413; 530/417	Fulton; John L. et al.

US 5263771 A	19931123	Anti-lock brake powering system	303/123	303/20; 303/7	Smith; Richard W.
US 5261021 A	19931109	Apparatus and method for forming cable	385/100	174/23R; 385/101	Pasta; Joseph et al.
US 5258729 A	19931102	Case circuit breaker having improved attachment means for accessory devices and accessory devices therefor	335/202	335/132; 335/8	Link; Donald A. et al.
US 5254447 A	19931019	Photographic elements comprising a glass plate support and method for their manufacture	430/510	156/230; 156/238; 156/249; 428/345; 428/40.4; 428/46; 430/259; 430/263; 430/517; 430/523; 430/950	Meyer; Arlene L. et al.
US 5251384 A	19931012	Fluidized bed apparatus including double chamber cartridge filter system	34/82	34/360; 34/585; 55/302; 55/350.1	Olsen; Kenneth W. et al.
US 5242546 A	19930907	High grade polyethylene paper	162/146	162/149; 162/158; 162/164.1; 162/206	Evans; Robert J. et al.
US 5241955 A	19930907	Breathing apparatus	128/204.18	128/205.24	Dearman; Peter T. et al.
US 5238671 A	19930824	Chemical reactions in reverse micelle systems	423/397	423/659; 516/22; 516/25; 516/925	Matson; Dean W. et al.
US 5232977 A	19930803	Rubber composition	524/513	525/152; 525/177	Carter; John D. et al.
US 5226509 A	19930713	At-a-glance brake travel indicator	188/1.11W	116/208; 340/454; 92/5R	Smith; Richard W.
US 5212021 A	19930518	Energy pack and individual battery cell cartridge	429/9	429/123; 429/99	Smith; Richard B. et al.
US 5206248 A	19930427	Method for reducing emotional lability	514/289	514/282; 514/305	Smith; Richard A.
US 5205692 A	19930427	Three-axes variability compensating fastener	411/173	411/338	Kelbert; David L. et al.
US 5192931 A	19930309	Dual channel glass break detector	340/550	340/541; 340/544	Smith; Richard A. et al.

US 5188884 A	19930223	Woven papermaking fabric having low profile seam	428/193	139/383AA; 156/148; 156/308.2; 162/902; 162/904; 428/121; 428/192; 428/223	Smith; Richard W.
US 5188114 A	19930223	Method and apparatus for elimination of mirroring in signal processing system	600/455	73/861.25	Thiele; Karl E. et al.
US 5186272 A	19930216	Automotive power steering gear	180/441	91/436	Smith; Richard H.
US 5185928 A	19930216	Window cutter for gas service tie overs and tie-over method	30/92.5	83/745	Martin; Luther W. et al.
US 5183152 A	19930202	Humectants in joint compound containers	206/524.4	206/447; 206/524.3	Zak; James L. et al.
US 5182364 A	19930126	Polypeptide analogs of apolipoprotein E	530/324		Dyer; Cheryl A. et al.
US 5180806 A	19930119	Polypeptides and compositions of human papillomavirus latent proteins, diagnostic systems and methods	530/326	530/324; 530/325	Dillner; Joakim et al.
US 5178702 A	19930112	Pneumatic tire having a multilayered innerliner	152/510	152/DIG.16	Frerking, Jr.; Harlan W. et al.
US 5177189 A	19930105	Polypeptide analogs of Apolipoprotein E	530/324	930/DIG.821	Dyer; Cheryl A. et al.
US 5175996 A	19930105	Apparatus for propellant flow control at low mass flow rates in zero G environment	60/203.1	392/396; 60/39.462	Smith; Richard D.
US 5169937 A	19921208	Method for producing stable glycosylated hemoglobin	530/385	436/67; 514/6	Smith; Richard et al.
US 5168045 A	19921201	Diagnostic systems and methods using polypeptide analogs of apolipoprotein E	435/7.92	435/7.93; 435/7.94; 436/518; 530/387.9; 530/389.3; 530/391.1	Dyer; Cheryl A. et al.
US 5166207 A	19921124	Method for enhancing the systemic delivery of dextromethorphan for the treatment of neurological disorders	514/270		Smith; Richard A.
US 5160503 A	19921103	Water-soluble blends of active methylene compounds and polyhydric alcohols as	8/115.7	252/182.24; 252/182.28; 252/182.29;	Smith; Richard D.

		formaldehyde scavengers		252/184; 252/8.61; 264/109; 428/528; 8/116.4; 8/182; 8/183; 8/184; 8/185; 8/186; 8/187	
US 5158704 A	19921027	Supercritical fluid reverse micelle systems	516/9	210/643; 210/656; 252/183.11	Fulton; John L. et al.
US 5153948 A	19921013	Water saver for flush toilet	4/415	4/324; 4/325; 4/392; 4/393; 4/394	Smith; Richard S. et al.
US D329297 S	19920908	Foundation drain	D25/138		Smith; Richard D.
US 5125716 A	19920630	Vehicle cab door construction	296/190.11	296/146.1; 296/146.5; 296/201; 296/202; 49/501	Smith; Richard J. et al.
US 5123474 A	19920623	Roll-up closure device	160/310	160/273.1	Smith; Richard C.
US 5120159 A	19920609	Oil containment system for emergency use	405/66	114/229; 114/360; 114/74R; 405/63; 405/67	Smith; Richard D.
US 5116725 A	19920526	Assay for Epstein-Barr virus infection with solid phase bound synthetic polypeptides	435/5	435/174; 435/21; 435/25; 435/28; 435/7.9; 435/7.94; 435/974; 435/975; 436/518; 436/536; 436/540; 436/541; 436/811; 436/812; 436/823; 530/326; 530/327; 530/806;	Vaughan; John H. et al.

				530/810; 930/DIG.800	
US 5109545 A	19920428	Proximal cable-less communication system with intentional signal path	455/208	455/265; 455/317	Schiller; Thomas H. et al.
US 5101505 A	19920331	Method and apparatus for selective sideband signal correction in a proximal cable-less communication system	455/86	455/209; 455/314	Schiller; Thomas H. et al.
US 5101001 A	19920331	Polyurethane-forming foundry binders and their use	528/139	523/142; 525/480; 528/162	Henry; Colleen M. et al.
US 5095240 A	19920310	Inductively coupled SAW device and method for making the same	310/313R	342/44	Nysen; Paul A. et al.
US 5073713 A	19911217	Detection method for dissociation of multiple-charged ions	250/282	250/287	Smith; Richard D. et al.
US D321802 S	19911126	Drawer for a cassette cabinet or similar article	D6/510	D6/407; D6/629	Smith; Richard D.
US 5062207 A	19911105	Method of making live gas main insertions	29/890.14	138/97; 29/402.03	Martin; Luther W. et al.
US D320514 S	19911008	Cabinet for audio/video cassette tapes and compact discs	D6/407		Smith; Richard D.
US 5055396 A	19911008	Diagnostic methods and systems for quantifying APO AI	435/7.93	435/331; 435/7.92; 435/810; 436/518; 436/548; 436/808; 530/326; 530/327; 530/388.25; 530/806	Curtiss; Linda K. et al.
US 5043158 A	19910827	Immunogenic compositions containing ordered carriers	424/197.11	424/193.1; 514/8; 530/395; 530/403; 530/404; 530/405; 530/406; 530/810	Sleytr; Uwe B. et al.
US 5023137 A	19910611	Polyester composition which is particularly suitable for use in thermoforming dual-	428/34.1	426/294; 428/35.7; 428/36.92;	Smith; Richard R. et al.

		ovenable trays		428/480; 428/500; 525/177	
US 5009007 A	19910423	Window cutter for gas service tie overs	30/92	30/92.5; 83/745	Martin; Luther W. et al.
US 5002430 A	19910326	Oil containment system for emergency use	405/66	210/242.3; 210/776; 210/923	Smith; Richard D.
US 4998845 A	19910312	Oil containment system for emergency use	405/66	405/71; 405/72; 406/71	Smith; Richard D.
US 4995231 A	19910226	Performance arcjet thruster	60/203.1	219/121.51; 313/231.41	Smith; Richard D. et al.
US 4983203 A	19910108	Cooling device for glass container forming machine	65/265	65/267; 65/319; 65/356	Erb; Roger et al.
US 4951021 A	19900821	Electromagnetic switching apparatus having dynamically balanced latch trip	335/167	335/140; 335/189	Theisen; Peter J. et al.
US 4945714 A	19900807	Form, fill, seal and separate packaging machine for reclosable containers	53/568	493/194; 493/198; 53/139.2; 53/562	Bodolay; William A. et al.
US 4933404 A	19900612	Processes for microemulsion polymerization employing novel microemulsion systems	526/207	526/240; 526/264; 526/303.1; 526/317.1; 526/319; 526/942	Beckman; Eric J. et al.
US 4926872 A	19900522	Ultrasonic transducer system and method for the operation thereof	600/457	73/626	Brock-Fisher; George A. et al.
US 4926632 A	19900522	Performance arcjet thruster	60/203.1	219/121.51; 313/231.41	Smith; Richard D. et al.
US 4921532 A	19900501	Ironmaking by means of a smelting shaft furnace	75/460	266/182; 75/461	Corbett; Martin J. et al.
US 4921153 A	19900501	Blade bag for blades used with a circular saw	224/683	206/303; 206/349; 224/237; 224/249; 224/675; 224/901.6; 224/904	Smith; Richard
US 4919632 A	19900424	Collapsible one-man pontoon fishing raft	441/44	114/352	Smith; Richard L. et al.
US 4915233	19900410	Dental anesthesia organizer	206/571	206/366;	Smith; Richard A.

A				206/564; 220/763; 220/764	
US 4913221 A	19900403	Liquid metal processing	164/489	164/122; 164/488; 222/590	Henderson; Steven et al.
US 4911209 A	19900327	Method and apparatus for forming wire mesh cages	140/112	140/107; 219/56	Smith; Richard V. et al.
US 4903438 A	19900227	Sharpening device	451/552		Smith; Richard S.
US 4901976 A	19900220	Flow control valve	251/206	251/325; 251/364; 251/900	Smith; Richard J.
US 4894406 A	19900116	Low odor coalescing aid for latex paints	524/310	524/315; 524/317; 524/804	Smith; Richard L. et al.
US 4885076 A	19891205	Combined electrophoresis- electrospray interface and method	204/451	204/601; 250/288	Smith; Richard P. et al.
US 4881575 A	19891121	Shower head dispensing fixture	137/889	137/893; 239/307; 239/318	Smith; Richard J.
US 4881247 A	19891114	Measuring nuclear fuel burnup	376/257	976/DIG.233	Smith; Richard C. et al.
US 4880479 A	19891114	Cold drawn free-machining resulfurized and rephosphorized steel bars having controlled mechanical properties and controlled machinability	148/320	420/127; 420/84; 420/87	Birman; Stephen P. et al.
US 4876475 A	19891024	Brush holder with plastic cup to retain biasing spring	310/239	310/242; 310/245	Smith; Richard A.
US 4876188 A	19891024	Novel immunochemical method for assaying stable glycosylated hemoglobin	435/7.25	435/28; 435/7.92; 436/512; 436/518; 436/536; 436/543; 436/548; 436/67; 436/808; 436/811; 436/815; 436/825	Smith; Richard et al.
US 4860685 A	19890829	Treatment of cellulosic materials	118/300	118/500; 427/140;	Smith; Richard D.

				68/205R	
US 4842701 A	19890627	Combined electrophoretic-separation and electrospray method and system	204/451	204/549; 204/601; 204/645; 250/281; 250/288; 436/173	Smith; Richard D. et al.
US RE32949 E	19890613	Mold for forming a fiber reinforced composite wheel construction	425/330	156/500; 249/56; 425/383; 425/406; 425/438; 425/450.1	Woelfel; James A. et al.
US 4836090 A	19890606	Balanced variable stroke axial piston machine	92/12.2	417/222.2; 417/269	Smith; Richard H.
US 4828986 A	19890509	Assay method and diagnostic system for determining the ratio of APO B-100 to APO A-I in a blood sample	435/7.94	435/810; 435/948; 436/518; 436/548; 530/388.25; 530/391.1; 530/809	Smith; Richard S. et al.
US 4823788 A	19890425	Demand oxygen controller and respiratory monitor	128/205.24	128/204.18; 128/204.21; 128/205.11	Smith; Richard F. M. et al.
US 4823139 A	19890418	Electronic countermeasure system	342/15		Eisner; William et al.
US 4821680 A	19890418	Sliding door hardware	119/524	16/90; 49/411	Smith; Richard H. et al.
US 4815358 A	19890328	Balanced variable stroke axial piston machine	92/12.2	417/222.2; 417/269; 74/60; 92/71	Smith; Richard H.
US 4814822 A	19890321	Method and apparatus for automatic "two-up" copying with intermediate latent image copiers	399/204	355/133; 399/308; 399/364; 399/374	Acquaviva; Thomas et al.
US 4809769 A	19890307	Engine coolant flush-filtering using external gas pressure	165/95	123/41.14; 165/134.1; 205/730; 205/732; 205/733; 210/167; 210/805	Vataru; Marcel et al.
US 4808405 A	19890228	P-anisoyl streptokinase/plasminogen complex	424/94.3	424/94.64; 435/174; 435/188;	Smith; Richard A. G. et al.

				435/216; 514/802	
US 4805617 A	19890221	Surgical fastening systems made from polymeric materials	606/220		Bedi; James J. et al.
US 4800118 A	19890124	Compositions and methods for imparting stain resistance to textile articles	442/93	252/8.62; 427/300; 427/322; 427/323; 427/394; 428/378; 428/395; 442/168; 525/480; 8/455; 8/530; 8/560; 8/589; 8/917; 8/924; 8/925; 8/929; 8/930	Reed; John W. et al.
US 4799251 A	19890117	ESS equipment testing device	379/1.01	361/823; 379/21; 379/29.01; 379/429	Smith; Richard B. et al.
US 4793403 A	19881227	Engine coolant flush-filtering, using external gas pressure	165/95	123/41.14; 165/134.1; 205/730; 205/732; 205/733; 210/167	Vataru; Marcel et al.
US 4790190 A	19881213	On-line acoustic detection of bearing defects	73/660	246/169S	Bambara; Joseph E. et al.
US 4788483 A	19881129	Parallel redundant actuator systems	318/689	318/138; 318/254; 318/671	Smith; Richard B.
US 4786844 A	19881122	Wire ion plasma gun	315/111.21	250/492.3; 313/363.1; 315/111.31; 315/111.41; 315/111.81; 315/111.91; 315/39	Farrell; Sherman R. et al.
US 4777889 A	19881018	Fluidized bed mass burner for solid waste	110/245	110/346; 122/4D	Smith; Richard D.
US 4773556 A	19880927	Aqueous joint compound seal	220/578	426/397; 53/489	Smith; Richard E.
US 4763764	19880816	Wrapped spring, overrunning	192/41S	192/104C;	Smith; Richard H.

A		clutch assembly		192/104R; 192/72	
US 4755016 A	19880705	Coherent lightwave transmitters	398/195	372/18; 372/26; 372/703; 385/15; 398/201	DeLoach, Jr.; Bernard C. et al.
US 4746901 A	19880524	High precision analog to digital converter	341/156	341/200	Smith; Richard D.
US 4741903 A	19880503	Novel enzyme derivatives	424/94.63	424/179.1; 424/180.1; 424/94.64; 435/177; 435/180; 435/181; 435/185; 435/188; 435/215; 435/217; 436/547; 514/2; 530/363; 530/380; 530/391.9	Smith; Richard A. G.
US 4741786 A	19880503	Cold drawn free-machining steel bar including bismuth	148/320	420/84; 420/87	Birman; Stephen P. et al.
US 4734451 A	19880329	Supercritical fluid molecular spray thin films and fine powders	524/493	118/300; 118/308; 210/656; 264/12; 524/545; 524/546	Smith; Richard D.
US 4734227 A	19880329	Method of making supercritical fluid molecular spray films, powder and fibers	264/13	264/6; 528/501; 528/502E	Smith; Richard D.
US 4730050 A	19880308	Novel enzyme derivatives	546/290	424/94.3; 435/181; 436/532; 546/292; 546/294; 548/541; 548/542; 548/543; 548/545; 548/546; 548/547;	Smith; Richard A. G.

				548/551; 552/8	
US 4729301 A	19880308	Horizontal baling apparatus	100/43	100/215; 100/218; 100/232; 100/3; 100/4; 100/45; 100/50	Smith; Richard D. et al.
US 4727402 A	19880223	Automatic copier signature set production	399/368	355/24; 399/374; 399/403	Smith; Richard E.
US D294214 S	19880216	Combination scoop and coffee filter pick	D10/46.2	D7/691	Smith; Richard P.
US RE32541 E	19871110	Fluidic feeding of documents to an exposure station	271/3.19	271/186; 271/902; 399/373; 399/403	Stange; Klaus K. et al.
US D292692 S	19871110	Wheel	D12/211		Smith; Richard W. et al.
US 4698623 A	19871006	Overload detection apparatus	340/665	116/212; 200/61.08	Smith; Richard G.
US 4688909 A	19870825	Thermally compensating positioning devices and assemblies	248/550	248/218.4; 248/219.1; 248/475.1; 248/476; 248/901; 359/846; 359/871	Smith; Richard E.
US 4687067 A	19870818	Crossflow rotary cone rock bit with extended nozzles	175/340	175/424	Smith; Richard D. et al.
US 4684157 A	19870804	Hose coupling	285/256	285/259	Smith; Richard D.
US 4673573 A	19870616	Novel fibrinolytic enzyme compounds	424/94.63	424/179.1; 435/177; 435/180; 435/181; 435/185; 435/188; 435/215; 435/217; 436/547; 530/363; 530/812	Ferres; Harry et al.
US 4664424 A	19870512	Hose coupling	285/256	285/259	Smith; Richard D.
US 4654612	19870331	Spring hanger system for UHF	333/248	248/59;	Smith; Richard D.

A		circular waveguide having glide ring and clamping ring connected by constant force springs		248/62; 248/74.1; 343/890; 343/891	
US 4649964 A	19870317	Paper making fabric having a reduced permeability profile	139/383A	162/348; 34/116	Smith; Richard W.
US 4645871 A	19870224	Non-interfering in-band protocol-independent diagnostic scanning in a digital multipoint communication system	380/2	380/262; 380/29; 902/2	Bremer; Gordon et al.
US 4643925 A	19870217	Multi-layer polyisophthalate and polyterephthalate articles and process therefor	428/36.6	428/213; 428/480; 525/444	Smith; Richard R. et al.
US 4632716 A	19861230	Woven low permeability fabric and method	156/148	139/383A; 139/425A; 156/290; 156/308.4; 162/902; 428/193; 442/189; 442/207	Smith; Richard W.
US 4632473 A	19861230	Cabinet assembly	312/265.1	211/182; 211/189; 248/243; 312/140; 403/231; 403/252	Smith; Richard C.
US 4629236 A	19861216	Device for separating coffee filters and sheath therefor	294/61	294/1.1; 294/2	Smith; Richard P.
US 4628833 A	19861216	Fluid bed hog fuel dryer	110/263	110/224; 110/245; 110/347; 34/369	O'Hagan; Michael A. et al.
US 4627173 A	19861209	Fluid bed hog fuel dryer	34/369	110/224; 110/245; 110/263; 110/347	O'Hagan; Michael A. et al.
US RE32284 E	19861111	Document storage and transport apparatus	399/369	271/195; 271/276; 271/3.14; 271/65; 271/9.08; 271/902; 355/24; 399/373;	Stange; Klaus K. et al.

				399/374	
US 4613115 A	19860923	Temperature compensated gas spring	267/64.25	267/120	Smith; Richard C.
US 4604285 A	19860805	Protein C enzyme derivatives	424/94.6	435/183; 435/184; 530/380	Smith; Richard A. et al.
US 4604257 A	19860805	Multi-layer polyisophthalate and polyterephthalate articles and process therefor	264/513	264/331.21; 264/503; 264/512; 264/515; 525/444	Smith; Richard R. et al.
US 4600580 A	19860715	Novel enzyme derivatives	424/94.63	424/178.1; 424/179.1; 424/94.64; 435/177; 435/180; 435/181; 435/185; 435/188; 435/215; 435/217; 436/547; 514/2; 530/363; 530/380; 530/391.9	Smith; Richard A. G.
US 4597565 A	19860701	Temperature compensated gas spring mechanism	267/64.13	188/276; 267/120	Smith; Richard C.
US 4596991 A	19860624	Thermal recording medium and method	347/183	346/105	Adomkaitis; Algis E. et al.
US 4593350 A	19860603	Distributed processor with periodic data transfer from each memory to like addresses of all other memories	710/107		Mitchell; Renzo D. et al.
US 4589240 A	19860520	Foam core panel with interlocking skins and thermal break	52/309.11	49/501; 52/588.1; 52/784.13; 52/784.15	Kendall; William F. et al.
US 4587619 A	19860506	Method and apparatus for electronic leak testing	702/51	340/605; 73/40; 73/49.2	Converse, III; Vernon G. et al.
US 4583933 A	19860422	Mold for forming a fiber reinforced composite wheel construction	425/330	249/56; 425/383; 425/406; 425/438; 425/441;	Woelfel; James A. et al.

				425/450.1	
US 4583302 A	19860422	Helical dryer belt with profiled permeability	34/116	139/383A; 34/123; 34/659; 428/222; 474/260	Smith; Richard W.
US 4583228 A	19860415	Frequency stabilization of lasers	372/32		Brown; Michael G. et al.
US 4582731 A	19860415	Supercritical fluid molecular spray film deposition and powder formation	427/427	118/300; 118/308; 210/658; 264/12	Smith; Richard D.
US 4582712 A	19860415	Gelatin-free frozen confections	426/134	426/249; 426/567; 426/573; 426/577; 426/804	Gonsalves; Alexander A. et al.
US 4573685 A	19860304	Golf club head with transparent striking face	473/250	273/DIG.14	Young, IV; Henry N. et al.
US 4557740 A	19851210	Weather louver	55/440		Smith; Richard L.
US 4551368 A	19851105	Polyester melt blends having high gas barrier properties	428/36.6	525/444	Smith; Richard R. et al.
US 4545360 A	19851008	Clean burning solid fuel stove and method	126/76	110/315; 126/163A; 126/502; 126/521; 126/61; 126/77; 126/80	Smith; Richard D. et al.
US 4544187 A	19851001	Hose end fitting	285/256	285/259; 29/508; 29/516	Smith; Richard D.
US 4543734 A	19851001	Treatment of water damaged cellulosic materials	34/284		Smith; Richard D.
US 4542183 A	19850917	Fatigue crack growth retardant material	524/714	106/14.05; 523/456; 524/718; 524/720; 524/722; 524/724; 524/881; 528/374	Miller; Robert N. et al.
US 4534249 A	19850813	Stroke control for press	83/74	100/258R; 83/525; 83/530	Smith; Richard J.

US 4533325 A	19850806	Method and apparatus to produce artificial teeth for dentures	433/171		Blair; John J. et al.
US 4531273 A	19850730	Method for fabricating graphite filled sintered metal seats for ball valves	419/11	141/1; 251/315.03; 251/315.04; 251/315.16; 251/359; 251/368; 29/527.2; 29/527.4; 29/890.122; 384/297; 419/27; 419/28; 427/331; 427/369; 427/372.2; 427/379; 427/435	Smith; Richard T. et al.
US 4525560 A	19850625	Solution polymerization of conjugated dienes	526/201	526/335; 526/340	Smith; Richard L.
US 4518195 A	19850521	Window structure for tractor cab	296/148	296/146.16; 296/190.1; 296/96.21; 49/126	Tindall; Gary W. et al.
US D278793 S	19850514	Ignition wire separator for engines	D8/357	D15/5	Smith; Richard J. et al.
US 4515147 A	19850507	Clean burning grate for fireplaces and wood stoves	126/163R	126/521	Van Grouw; Samuel J. et al.
US 4514013 A	19850430	Fiber-reinforced composite wheel construction	301/64.703	301/65	Woelfel; James A. et al.
US 4511463 A	19850416	Process for recovery of phosphate ore	209/166	252/61	Alexander; Edward N. et al.
US 4507283 A	19850326	Pharmacologically active compounds	424/94.64	435/188; 435/212; 435/216; 435/217	Smith; Richard A. G.
US 4500590 A	19850219	Dryer fabric having reduced permeability in the area of the pintle joint	428/222	139/383AA; 156/161; 162/348; 162/902; 198/852; 198/853	Smith; Richard W.
US 4499031 A	19850212	Evaporative gas treating system	261/66	236/44C; 261/103;	Sexton; Robert W. et al.

				261/112.2; 261/129; 261/DIG.3; 261/DIG.34; 261/DIG.41; 62/176.4; 62/314	
US 4491773 A	19850101	Two-directional switched driver	318/257	318/600; 327/110; 327/171	Smith; Richard L. et al.
US 4490925 A	19850101	Low permeability spiral fabric and method	34/282	34/116; 34/123; 428/222; 474/260	Smith; Richard W.
US 4485709 A	19841204	Apparatus for punching holes in a moving strip	83/324	83/328	Huber; Doyle W. et al.
US 4482586 A	19841113	Multi-layer polyisophthalate and polyterephthalate articles and process therefor	215/12.2	428/213; 428/36.6; 428/480	Smith; Richard R. et al.
US 4475726 A	19841009	Mechanism for positioning workpieces	269/41	228/49.1; 228/49.4; 269/208; 269/236; 269/43; 269/93; 29/271	Smith; Richard B.
US 4473835 A	19840925	Long wavelength avalanche photodetector	257/186	257/189; 257/191; 257/E31.064	Forrest; Stephen R. et al.
US 4465809 A	19840814	Conversion of polymer lithium to polymer carboxylate	525/284	525/285; 525/332.9; 525/385	Smith; Richard L.
US 4455823 A	19840626	Diesel exhaust particulate trap with pleated filter	60/311	55/283; 55/497; 55/499; 55/500; 55/521; 55/523; 55/DIG.30; 96/405	Bly; Kenneth B. et al.
US 4454891 A	19840619	Air gap drain module for use in a reverse osmosis system	137/216	137/801; 210/418	Dreibelbis; Richard C. et al.
US 4453785 A	19840612	Modular cabinet for different video game cartridges, cassettes, and instruction booklets	312/9.48	206/307.1	Smith; Richard D.

US 4448958 A	19840515	Purification of ceforanide	540/220	540/226	Sleezer; Paul D. et al.
US 4447595 A	19840508	Polyterephthalates and copolymers thereof having high clarity and process for making same	528/274	525/437; 528/286; 528/295.3; 528/300; 528/302; 528/305; 528/308.6; 528/308.7	Smith; Richard R. et al.
US 4443622 A	19840417	Method for making carbamates	560/166	556/411; 560/157	Smith; Richard
US 4440288 A	19840403	Group end sensor	198/419.2	198/460.3	Thomas; William M. et al.
US 4435031 A	19840306	Connector block with snap latch	439/82	174/138D; 174/DIG.8; 403/292; 439/567; 439/573; 439/932	Black; Richard W. et al.
US 4431489 A	19840214	Coloring process for anodized aluminum products	205/202		Baker; Bernard R. et al.
US 4424337 A	19840103	Polyisophthalate and copolymers thereof having reduced cyclic dimer content, and a process for making the same	528/274	525/437; 528/295.3; 528/298	Smith; Richard R. et al.
US 4419113 A	19831206	Diesel exhaust particulate trap with axially stacked filters	55/484	422/197; 55/DIG.10; 55/DIG.30; 60/311	Smith; Richard H.
US 4418188 A	19831129	Polyethylene isophthalate having reduced cyclic dimer content and process therefore	528/274	528/295; 528/295.3; 528/302	Smith; Richard R. et al.
US 4417766 A	19831129	Wire spoke vehicle wheel and method of manufacture	301/55	29/894.333	Smith; Richard W. et al.
US 4412137 A	19831025	Dual voltage engine starter management system	307/10.6	123/179.3; 307/71	Hansen; James E. et al.
US 4405303 A	19830920	Portable recreational marker buoy	441/16	441/22; 441/25	Smith; Richard K.
US 4403814 A	19830913	Method for locking an anti-friction bearing to a shaft and apparatus for accomplishing the same	384/541		Koss; William H. et al.
US 4403090 A	19830906	Polyisophthalates and copolymers thereof having	528/272	528/295.3; 528/295.5;	Smith; Richard R.

		high barrier properties		528/302; 528/308.6	
US 4398770 A	19830816	Wire spoke vehicle wheel and method of manufacture	301/37.29	29/894.38; 301/37.42; 301/54	Smith; Richard W.
US 4397370 A	19830809	Surf service vehicle	180/210	180/212; 180/213; 405/197	Smith; Richard H.
US 4394856 A	19830726	Compression operated injector with fuel injection control	123/506	123/458; 123/459; 123/460; 239/585.1; 239/87	Smith; Richard H. et al.
US 4394055 A	19830719	Cabinet for video game consoles, cartridges, accessories, and instruction booklets	312/196	206/307.1; 206/576; 206/579; 206/814; 273/148B; 312/242; 312/8.11; 312/9.54	Smith; Richard D.
US 4384651 A	19830524	Display assembly	211/132.1	248/150; 248/174	Smith; Richard A.
US 4372566 A	19830208	Molded base plate for rollerskates attachable to shoes	280/11.19	280/11.28	Smith; Richard D.
US 4352259 A	19821005	Movable inflatable ceiling or partition for greenhouse use	52/2.17	47/17; 52/64	Smith; Richard W. et al.
US D266188 S	19820914	Tooth size and form indicator	D24/140	D24/152; D24/181	Seeley; Wayne C. et al.
US 4337244 A	19820629	Enzyme derivatives for use in the treatment of venous thrombosis	424/94.64		Smith; Richard A. G.
US 4336928 A	19820629	Method for feeding documents to a copy machine	271/3.06	271/3.07; 271/98; 399/305	Smith; Richard E. et al.
US 4336483 A	19820622	Capacitive position sensor	318/662	318/256; 340/870.24; 340/870.37; 353/42; 361/280	Smith; Richard L.
US 4330828 A	19820518	Method of controlling production processes and apparatus therefor	701/102	318/561; 700/40; 700/44; 700/71; 73/118.1	Smith; Richard L. et al.
US 4330197	19820518	Recirculating documents	399/364	271/3.03;	Smith; Richard E.

A		duplex copier		271/3.04; 271/3.05; 271/9.01; 355/23; 355/26; 399/403	et al.
US 4328532 A	19820504	Aircraft instrument lighting fixture	362/19	362/216; 362/29; 362/290; 362/30; 362/471; 362/509	Smith; Richard A.
US 4327152 A	19820427	Protective coating to retard crack growth in aluminum alloy	428/419	106/14.05; 148/250; 428/413; 428/416; 428/423.1; 428/423.5; 428/425.8; 428/457; 428/458	Miller; Robert N. et al.
US 4320796 A	19820323	Granular bed air heater	165/104.18	165/104.15; 95/288	Smith; Richard D.
US 4318963 A	19820309	Treatment of cellulosic materials	428/537.5	252/385; 427/296; 427/316; 427/372.2; 427/427.7; 427/429; 427/439; 428/702	Smith; Richard D.
US 4311803 A	19820119	Continuous solution polymerization process	525/53	525/105; 525/122; 525/130; 525/155; 525/315; 525/342; 525/360; 525/371; 525/384; 525/385; 525/386; 526/173; 526/174; 526/178; 526/180;	Smith; Richard L. et al.

				526/181; 526/182; 526/64; 526/65	
US 4307773 A	19811229	Fluid bed heat exchanger for contaminated gas	165/104.16	165/104.18; 34/589; 34/591; 55/474	Smith; Richard D.
US 4306680 A	19811222	Compression operated injector	239/87	239/585.1; 417/380	Smith; Richard H.
US 4306655 A	19811222	Holder or container for tape cartridges	206/387.14	206/511; 220/23.4	Smith; Richard D.
US 4304372 A	19811208	Water-ski towline winch assembly	242/399	114/254; 242/403; 242/407; 242/904; 254/346; 254/380	Smith; Richard E. et al.
US D262008 S	19811124	Winch assembly	D34/33	242/125.2; 242/407; 254/372	Smith; Richard E. et al.
US 4299381 A	19811110	Sheet feeding apparatus	271/96	271/108; 271/35; 271/98; 271/99	Smith; Richard E.
US 4294639 A	19811013	Fiber-reinforced composite wheel construction	156/185	156/191; 156/194; 264/258	Woelfel; James A. et al.
US 4289350 A	19810915	Combined folding table and seat	297/172	108/118; 108/173; 108/174; 297/158.4	Thomas; Robert J. et al.
US 4286995 A	19810901	Mica-free joint compound	106/778	106/772; 106/774; 106/784; 524/5	Smith; Richard E. et al.
US 4285932 A	19810825	Enzyme derivatives for use in the treatment of venous thrombosis	424/94.64	435/184; 435/216; 435/217; 530/380	Smith; Richard A. G.
US 4280048 A	19810721	Neutron activation probe	376/111	250/265; 250/269.4; 376/114; 376/159; 376/164	Smith; Richard C.
US 4279081	19810721	Wallboard T-square	33/479		Wing; Steven D. et

A					al.
US 4277868 A	19810714	Machine and method for single pass taper milling	29/33Q	29/33S; 409/157; 451/5; 83/328	Huber; Doyle W. et al.
US 4275600 A	19810630	Testing rubber	73/843	374/186; 374/46	Turner; Donald M. et al.
US D259394 S	19810602	Distributor clamp	D8/394		Smith; Richard J.
US 4267273 A	19810512	Enzyme preparation having affinity for water-immiscible liquids	435/44	435/174; 435/177; 435/178; 435/180; 435/181; 435/231; 435/814	Smith; Richard A. G.
US 4253497 A	19810303	Live gas main insertion tools	138/97	405/156	Martin; Luther W. et al.
US 4252152 A	19810224	Motorized crawler for gas main	138/97	405/158	Martin; Luther W. et al.
US 4251476 A	19810217	Manufacture of ornamental vehicle wheels	264/46.7	264/259; 264/275; 264/46.6; 264/46.9; 264/DIG.83; 29/894.38; 301/37.43	Smith; Richard W.
US 4250628 A	19810217	Microwave fabric dryer method and apparatus	34/260	219/686; 34/69; 34/75; 34/84; 34/92	Smith; Richard D. et al.
US 4250543 A	19810210	Method of controlling production processes and apparatus therefor	700/42	318/561; 318/610; 700/43; 700/45; 700/46; 73/118.1	Smith; Richard L. et al.
US 4248986 A	19810203	Selective cyclization of block copolymers	525/99	525/106; 525/153; 525/184; 525/359.4; 525/371; 525/83; 525/96	Lal; Joginder et al.
US 4247044 A	19810127	Compression operated injector	239/87	239/585.1	Smith; Richard H.
US 4239870	19801216	Process for countering effects	526/59	526/60;	Smith; Richard L.

A		of fast poisons in continuous olefin polymerization		526/61; 526/77	
US D257466 S	19801028	Paperweight	D19/97		Smith; Richard R.
US D256930 S	19800916	Doll house	D21/506		Hanley; James T. et al.
US 4210964 A	19800701	Dynamic visual display of reservoir simulator results	703/10	348/121; 367/70	Rogers; William L. et al.
US 4210350 A	19800701	Door latch mechanism	292/86		Lysenko; George P. et al.
US D255195 S	19800603	Shelf unit	D6/511	D6/476	Smith; Richard C.
US 4204883 A	19800527	Tarnish resistant copper alloy	148/553	148/435; 148/554	Smith; Richard D.
US 4199089 A	19800422	Glove blocking apparatus	223/79	223/80	Filkow; Colin et al.
US 4197780 A	19800415	Method and apparatus for stabilizing the tension of musical instrument strings	84/458	84/453; 984/110; 984/DIG.1	Smith; Richard M.
US D254290 S	19800226	Shelf bracket	D8/381		Smith; Richard C.
US 4186303 A	19800129	Exclusion of alpha particles from thoron in uranium detection	250/253	250/472.1; 250/DIG.2; 95/25; 95/45; 96/4	Smith; Richard C. et al.
US 4180728 A	19791225	Neutron activation probe for measuring the presence of uranium in ore bodies	250/264	250/265; 250/269.2	Goldstein; Norman P. et al.
US 4171131 A	19791016	Pneumatic registration apparatus	271/236	271/195	Stange; Klaus K. et al.
US 4159824 A	19790703	Method for reversing the direction of travel of a sheet	271/3.16	271/184; 271/195; 271/236; 271/902; 406/13; 406/70	Stange; Klaus K. et al.
US 4158769 A	19790619	Determination of uranium content in material	250/255	250/435; 250/505.1	Smith; Richard C.
US 4156763 A	19790529	Copolymers of 1,2-dihydro-naphthalene-type compounds and alpha-hydrocarbyl substituted styrenes	526/173	526/280	Smith; Richard L. et al.
US 4153835 A	19790508	Temperature compensation circuit	250/214C	250/338.1; 250/370.15	Lau; Chun-Lim et al.
US 4145680 A	19790320	Acoustic imaging system	367/7	73/626; 73/628	Smith; Richard W.

US 4137391 A	19790130	Continuous solution polymerization of a conjugated diene with a monovinylaromatic compound using alkoxysilicon treating agents in the first reactor means of a reactor series	526/178	525/254; 525/342; 525/359.6; 525/385; 525/386; 526/174; 526/180; 526/181; 526/65; 526/74	Smith; Richard L. et al.
US 4134496 A	19790116	Device for protecting a corner of an article	206/453	206/586	Smith; Richard A.
US 4128465 A	19781205	Electrodialysis of pickle liquor	204/539		Smith; Richard N.
US 4127932 A	19781205	Method of fabricating silicon photodiodes	438/58	257/438; 257/458; 257/459; 257/E31.061; 257/E31.063; 438/72; 438/91	Hartman; Adrian R. et al.
US 4121536 A	19781024	Label dispensing device	118/675	118/236; 118/264; 221/13; 221/135	Chamberlain; Ray et al.
US 4118865 A	19781010	Assembly for removably attaching flexible cutting line element in grass trimmer	30/276	172/15; 56/12.7	Jacyno; Anthony et al.
US 4117636 A	19781003	Plastic covered gutter connected greenhouse building structure	52/13	24/486; 52/222; 52/63	Smith; Richard W.
US 4116509 A	19780926	Modular furniture unit for hospital pharmacies or the like	312/107	108/108; 211/187; 312/280	Smith; Richard C.
US 4116431 A	19780926	Method for transporting and registering stacked sheets	271/236	271/195	Stange; Klaus K. et al.
US 4113475 A	19780912	Tarnish resistant copper alloy	148/435		Smith; Richard D.
US 4109903 A	19780829	Fluidic feeding of documents to an exposure station	271/3.19	271/186; 271/195; 271/3.2; 271/3.23; 271/65; 271/9.08; 271/902; 355/24;	Stange; Klaus K. et al.

				406/72	
US 4109217 A	19780822	Stabilization circuit for junction lasers	372/29.01	372/31	Brackett; Charles Arthur et al.
US 4104714 A	19780801	Converter arrangements	363/21.17	363/124; 363/80	Smith; Richard Hanley et al.
US 4091198 A	19780523	Suppressing gel in the continuous solution polymerization of a conjugated diene with a monovinyl aromatic compound	526/178	525/122; 525/123; 525/153; 525/154; 525/289; 525/292; 525/342; 525/359.6; 525/366; 525/385; 525/386; 526/174; 526/179; 526/180; 526/181; 526/65; 526/74	Smith; Richard L. et al.
US 4090704 A	19780523	Registration station	271/246	271/195; 271/236	Smith; Richard E. et al.
US 4090534 A	19780523	Live gas main insertions	138/97	251/212; 277/543	Martin; Luther W. et al.
US 4089515 A	19780516	Document storage and transport apparatus	271/3.19	271/195; 271/276; 271/3.2; 271/65; 271/9.08; 271/902; 355/24; 406/72	Stange; Klaus K. et al.
US 4088274 A	19780509	Bottle crusher	241/99		Smith; Richard O.
US 4088091 A	19780509	Fin assembly for power boats	440/69	114/162; 440/71	Smith; Richard J.
US 4083575 A	19780411	Vehicle suspension system	280/43	267/221; 280/124.113; 280/6.15	Smith; Richard W. et al.
US 4082941 A	19780404	Bag sealer	219/243	156/515; 493/209	Sukow; Daniel L. et al.
US 4077168 A	19780307	Predecorated gypsum wallboard for impermeable wall	52/481.1	428/464; 428/703; 52/243;	Smith; Richard E.

				52/408; 52/792.11	
US 4068946 A	19780117	Document feeding apparatus	355/64		Eschweiler, Jr.; Earl E. et al.
US 4068576 A	19780117	Hand-operated press for baling newspapers	100/219	100/233; 100/240; 100/286; 100/3	Smith; Richard K.
US 4068391 A	19780117	Refrigeration system demonstration device	434/383		Smith; Richard Seymour et al.
US 4067013 A	19780103	Automatic thresholding and reference circuit	342/91	342/159; 455/303; 455/307	Smith; Richard M.
US 4066254 A	19780103	Three-way pneumatic registration apparatus	271/236	271/195	Stange; Klaus K. et al.
US 4062538 A	19771213	Speed regulated fluidic sheet transport	271/243	271/195	Stange; Klaus K. et al.
US 4059260 A	19771122	Document handling apparatus	271/3.19	271/195; 271/239; 271/244; 271/245; 271/294; 271/3.23; 271/9.08; 355/75; 399/305	Stange; Klaus K. et al.
US 4056076 A	19771101	Developer mixing system	399/256		Smith; Richard E.
US 4055340 A	19771025	Assisted pneumatic transport and registration apparatus	271/236	271/195	Stange; Klaus K. et al.
US 4054285 A	19771018	Apparatus for registering and inverting sheets	271/186	271/195; 271/902	Stange; Klaus K. et al.
US 4050688 A	19770927	Orthogonal document handling apparatus	271/5	271/184; 271/195; 271/225; 271/294; 271/9.01; 271/97; 355/75	Stange; Klaus K. et al.
US 4049255 A	19770920	Apparatus for feeding documents to and from a copier	271/3.19	271/195; 271/236; 271/3.2; 271/3.23; 271/9.08; 271/902; 355/75;	Stange; Klaus K. et al.

				399/305; 406/72	
US 4044195 A	19770823	Organolithium/alkadienol adducts as polymerization initiators	525/107	525/117; 525/119; 525/122; 525/123; 525/154; 525/327.1; 525/328.2; 525/328.4; 525/329.1; 525/329.2; 525/329.3; 525/329.4; 525/330.3; 525/330.5; 525/342; 525/384; 525/385; 525/386; 526/181; 526/259; 526/263; 526/328; 526/329.7; 526/341; 526/342; 528/75	Uranneck; Carl A. et al.
US 4040386 A	19770809	Retractable edge seals for electrostatographic development systems	399/103	399/119	Smith; Richard E.
US 4039553 A	19770802	Certain 2(2'- hydroxyphenyl)benzothiazolo derivatives	548/179	544/405; 546/270.1	Smith; Richard F.
US 4037780 A	19770726	Locking letter tray	232/31	211/126.1; 70/63	Brownlee; Sherwood S. et al.
US 4036415 A	19770719	Glove turning and blocking process and apparatus	223/40	223/78	Filko; Colin et al.
US 4034869 A	19770712	Fluid means to load and unload a vertically movable document storage rack	414/277	221/278; 406/72; 414/627	Stange; Klaus K. et al.
US 4033579 A	19770705	Offset stacker	271/195	271/217	Stange; Klaus K. et al.
US 4033574 A	19770705	Document handling apparatus	271/3.14	271/195; 271/236	Stange; Klaus K. et al.
US 4033117	19770705	Solid fuel fired gas turbine	60/39.464	55/282;	Smith; Richard

A		system having continuously regenerating granular filter		55/479	Dunham
US 4032298 A	19770628	Apparatus for production of Grignard reagent	422/189	260/665G; 422/200	Blackmar; Guy E. et al.
US 4030824 A	19770621	Reproducing apparatus having an improved imaging surface cleaning system	399/360	15/1.51; 15/256.51; 15/256.52	Smith; Richard S.
US 4030352 A	19770621	Apparatus for reproducing operating conditions in induced flow devices	73/118.1		Smith; Richard L. et al.
US 4030351 A	19770621	Method and apparatus for laboratory testing of carburetors	73/118.1	702/114	Smith; Richard Lawrence
US 4026865 A	19770531	Preparation of organometal terminated polymers	524/425	524/432; 524/433; 524/442; 524/445; 524/572; 524/575; 525/327.1; 525/332.1; 525/333.2; 525/359.1; 525/370	Uraneck; Carl A. et al.
US 4026542 A	19770531	Dual registration apparatus	271/236	271/195; 271/244	Stange; Klaus K. et al.
US 4023720 A	19770517	Glove turning and blocking process and apparatus	223/40		Filko; Colin et al.
US 4023403 A	19770517	Method and apparatus for timing diesel engines	73/119A		Smith; Richard Lawrence
US 4009732 A	19770301	Methods of sealing annular space between inner and outer gas mains for tie-overs	138/97	264/46.5; 264/46.9	Martin; Luther W. et al.
US 4006262 A	19770201	Instant pudding composition and process	426/573	426/579	Smith; Richard A. et al.
US 4003568 A	19770118	Fluid conveyer	271/225	271/184; 271/194; 271/195; 271/236	Stange; Klaus K. et al.
US 3998537 A	19761221	Split developer housing with interlocked flow gate and catch	399/110	399/102; 399/257	Smith; Richard E. et al.
US 3995401 A	19761207	Method of attaching wallboard and stud therefor	52/127.4	156/71; 52/745.21; 52/746.1	Smith; Richard E.
US 3993854	19761123	Organolithium/alkadienol	526/173	525/355;	Uraneck; Carl A. et

A		adducts as polymerization initiators		525/384; 526/175; 526/181; 526/240; 526/335; 528/65; 568/840; 568/909.5	al.
US 3989965 A	19761102	Acoustic transducer with damping means	310/334	367/174; 367/176	Smith; Richard W. et al.
US 3984269 A	19761005	Accelerated drywall joint treatment	156/71	106/38.3; 106/785; 156/44; 427/301; 427/403; 428/47; 428/52; 428/703	Schneller; Joseph W. et al.
US 3984098 A	19761005	Pneumatic registration and clamping apparatus	271/236	271/195; 271/245	Stange; Klaus K. et al.
US 3981272 A	19760921	Mag brush housing with detachable sump section	399/110	399/257	Smith; Richard E. et al.
US 3977634 A	19760831	Computer for motion sensing device setup	246/128	246/125	Smith; Richard E.
US 3975953 A	19760824	Method and apparatus for reproducing operating conditions in induced flow devices	73/118.1		Smith; Richard L. et al.
US 3972875 A	19760803	Hydroxybenzylidene iminophenyl-benzothiazoles	548/179	544/333; 544/405; 546/270.1; 548/178	Smith; Richard F.
US 3972023 A	19760727	I/O data transfer control system	710/1		Bodner; Ronald E. et al.
US 3967698 A	19760706	Oiler for power chain saw	184/15.2	184/27.1; 30/382; 417/501	Smith; Richard Thomas et al.
US 3961313 A	19760601	Computer control apparatus	712/234	711/213	Bodner; Ronald E. et al.
US 3958878 A	19760525	Electrostatic processor having interchangeable reservoirs for supplying and reclaiming toner	399/359	15/1.51	Smith; Richard E. et al.
US 3957165 A	19760518	Straddle carriers	414/460	180/327; 180/89.13; 296/190.05	Smith; Richard Terence

US 3956701 A	19760511	Personal paging receiver with swivel clip and distributed antenna	343/702	224/197; 224/670; 224/679; 224/930; 340/7.63; 343/881; 455/351	James, Jr.; Justin Melvin et al.
US 3956232 A	19760511	Preparation of organometal terminated polymers	524/547	524/420; 524/425; 524/426; 524/427; 524/432; 524/437; 524/439; 524/445; 525/327.1; 525/332.9; 525/333.1; 525/333.2; 525/333.3; 525/357; 526/240; 526/340	Uranek; Carl A. et al.
US 3954331 A	19760504	Toner dispenser	399/106	222/DIG.1; 399/263	Smith; Richard E.
US 3949350 A	19760406	Ornamental lighting device	362/86	362/231; 84/464R	Smith; Richard D.
US 3947107 A	19760330	Partially submerged active crossmixer	399/256	118/621	Smith; Richard E.
US 3944173 A	19760316	Railroad crossing motion sensing system	246/34CT	246/128	Moe; James E. et al.
US 3943887 A	19760316	Hybrid crossmixer	399/255	118/612; 366/166.1; 399/256; 399/267; 427/469; 427/598	Smith; Richard E.
US 3942474 A	19760309	Developing systems	399/119	399/284	Smith; Richard E. et al.
US 3940385 A	19760224	Glossy emulsion coating compositions containing surface treated pigments of oilphilic nature and method	106/262	106/222; 106/228; 106/248; 106/266; 106/447; 106/504; 524/18	Smith; Richard Glenn

US 3927640 A	19751223	Developer shut-off apparatus	399/257	.	Smith; Richard E.
US 3924944 A	19751209	Split developer housing	399/103		Smith; Richard E. et al.
US 3911037 A	19751007	Continuous Grignard reactors	260/665G	422/169; 422/189	Blackmar; Guy E. et al.
US 3908596 A	19750930	Segmented gate developer flow controller	399/267		Smith; Richard E.
US 3898699 A	19750812	Cap having knitted crown and crocheted brim and method for making the same	2/175.1	66/171	Zientara; Donald et al.
US 3893443 A	19750708	Floating solar pool heater	126/565		Smith; Richard H.
US 3890355 A	19750617	High speed color printer for scintillation scanner	250/369	250/363.02; 250/366; 250/370.01	Brunnett; Carl J. et al.
US 3889300 A	19750617	Articulated two-part prosthesis replacing the ankle joint	623/21.18		Smith; Richard C.
US 3879561 A	19750422	VACUUM DRIED CONDIMENTS	426/533	426/656; 426/661	Smith; Richard G. et al.
US 3874224 A	19750401	Leak detecting apparatus	73/40	116/276; 48/193; 73/40.5R	Smith; Richard S.
US 3873209 A	19750325	Measurement of thin films by optical waveguiding technique	356/135	385/130	Schinke; David Paul et al.
US 3869731 A	19750311	ARTICULATED TWO-PART PROSTHESIS REPLACING THE KNEE JOINT	623/20.21		Waugh; Theodore R. et al.
US 3863655 A	19750204	DENTRIFICE APPLICATOR METHOD	132/322		Smith; Richard K.
US 3859263 A	19750107	PREPARATION OF UNSATURATED COPOLYMERS	526/75	526/116; 526/140; 526/142; 526/308; 585/326; 585/329; 585/364	O'Connor; James M. et al.
US 3855423 A	19741217	NOISE SPECTRUM EQUALIZER	708/323	324/76.19; 324/76.24; 333/18; 333/28R; 381/103; 381/94.3; 455/296; 704/224; 704/226	Brendzel; Henry Tzvi et al.

US 3848992 A	19741119	DEVELOPER BLADE CLEANING	399/350	100/174; 101/169; 101/425; 15/1.51; 15/256.51	Smith; Richard E.
US 3844927 A	19741029	ELECTRODIALYTIC RECOVERY OF ACID AND INSOLUBLE PRODUCTS FROM SPENT LIQUORS	204/630	204/637	Smith; Richard N.
US 3842551 A	19741022	DRYWALL JOINT SYSTEMS AND METHOD FOR MAKING THE SAME	52/127.3	428/161; 52/309.3; 52/417	Shull, Jr.; John D. et al.
US 3828833 A	19740813	ASEPTIC CONTAINER FILLING APPARATUS	141/85	141/181; 141/198	Smith; Richard A. et al.
US 3828636 A	19740813	ROTARY CUTTING APPARATUS	83/341	83/345; 83/673	Smith; Richard W.
US 3826921 A	19740730	MONITOR FOR RADIATION-INDUCED HEATING	250/390.01	250/352; 250/472.1; 374/104; 374/201; 376/247; 976/DIG.35	Wallin; Walter R. et al.
US 3824759 A	19740723	METHOD AND APPARATUS FOR HANDLING STACKABLE BODIES	53/432	100/140; 100/278; 100/295; 53/438; 53/447; 53/529; 53/540; 901/22; 901/29	Finn; Lawrence R. et al.
US 3816187 A	19740611	PROCESSING COPPER BASE ALLOYS	148/681	148/434; 148/436	Smith; Richard Dale et al.
US 3808412 A	19740430	FFT FILTER BANK FOR SIMULTANEOUS SEPARATION AND DEMODULATION OF MULTIPLEXED SIGNALS	708/316	324/76.21; 324/76.29; 370/210	Smith; Richard Allan
US 3804482 A	19740416	WINE STORAGE CABINET ASSEMBLY	312/236	211/74	Smith; Richard D.
US 3804189 A	19740416	LOAD CARRYING VEHICLES	180/24.02	180/234; 180/409; 280/124.118; 280/124.123	Smith; Richard Terence
US 3800130 A	19740326	FAST FOURIER TRANSFORM STAGE	708/404	708/622; 708/625	Martinson; Lloyd William et al.

		USING FLOATING POINT NUMBERS			
US 3798412 A	19740319	WELDING ELECTRODE HAVING FRICTIONAL LOOP ENGAGING PORTION	219/145.1	219/136; 219/144	Smith; Richard F.
US 3797901 A	19740319	SHAFT LOCKING DEVICE FOR A BEARING ASSEMBLY	384/541		Smith; Richard J.
US 3777886 A	19731211	APPARATUS FOR INSPECTING BODIES FOR THE PRESENCE OF HARD PARTICLES	209/552	209/688	Smith; Richard A. et al.
US 3774205 A	19731120	MERCHANDISE MARK SENSING SYSTEM	342/44	342/188; 342/51	Smith; Richard C. et al.
US 3770076 A	19731106	HYDRAULIC SYSTEMS	180/305	123/41.1	Ward; Peter Thomas et al.
US 3763443 A	19731002	SIMULTANEOUSLY Q-SWITCHED AND MODE-LOCKED LASER	372/12	372/18	Kinsel; Tracy Stewart et al.
US 3755273 A	19730828	AMPEROMETRIC ANALYSIS METHOD AND APPARATUS FOR CONTROL OF CATALYTIC REACTIONS	526/60	526/183; 526/77	Uraneck; Carl A. et al.
US 3755269 A	19730828	PRODUCTION OF MERCAPTAN-TERMINATED POLYMERS	525/332.9	525/327.1; 525/329.3; 525/330.4; 525/352	Uraneck; Carl A. et al.
US 3754363 A	19730828	ELASTOMERIC MONOLITHIC DRYWALL CORNER	52/287.1	156/71; 52/309.3; 52/415	Schneller; Joseph W. et al.
US 3750109 A	19730731	MULTITRACK RADAR DISPLAY CONSOLE	710/66	342/176	Smith; Richard Miles
US 3743407 A	19730703	COMPENSATING CAM FOR USE IN A COPYING MACHINE FOR SYNCHRONIZING THE OPERATION BETWEEN A DEVELOPER APPLICATOR AND AN IMAGING SURFACE	399/237		Smith; Richard E.
US 3736583 A	19730529	APPARATUS FOR DETECTING THE PRESENCE OF HARD SOLID PARTICLES IN A	340/540	33/1H; 33/561.1; 340/573.1; 452/198;	Smith; Richard A. et al.

		BODY OF SOFTER SOLID SUBSTANCE		73/81	
US 3734220 A	19730522	SELF-PROPELLED PLATFORM TOWER HAVING MECHANICAL AND HYDRAULIC SUPPORTING MEANS	180/8.6	405/198	Smith; Richard H.
US 3726933 A	19730410	ALKALINE EARTH METAL ORGANOMETALLIC COMPOUNDS AND METHOD FOR MAKING THE SAME	260/665R	502/152; 526/183; 526/335; 526/340; 526/346; 534/10	Smith; Richard R. et al.
US 3725965 A	19730410	BOX SPRING ASSEMBLY	5/260	5/247; 5/277; 5/719	Smith; Richard A. et al.
US 3721178 A	19730320	FOOD BROILER	99/386	126/41C; 99/355; 99/391; 99/400; 99/401; 99/443C; 99/446	Szabrak; Robert H. et al.
US 3717244 A	19730220	PACKAGE WITH EASY OPENING DUST FLAP AND METHOD OF MANUFACTURING THE SAME	206/484	206/438; 383/211; 53/451; 53/482	Smith; Richard W.
US 3716809 A	19730213	ACOUSTIC SURFACE WAVE RESONATOR	333/219	310/313B; 310/313R; 333/114; 333/186	Reeder; Thomas M. et al.
US 3700910 A	19721024	BRAGG ANGLE OPTICAL MATCHED FILTER SYSTEM WITH CODED GLASS TRANSMISSION PLATE	250/225	250/216; 359/306	Smith; Richard M.
US 3697865 A	19721010	METHOD AND APPARATUS FOR TESTING ENGINES	324/392	73/118.1	Smith; Richard L. et al.
US 3696795 A	19721010	AIR POLLUTION-FREE INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING SAME	123/1A	123/25A; 123/25C; 123/536; 123/DIG.12	Smith; Richard D. et al.
US 3695756 A	19721003	SHEET STRIPPING APPARATUS	399/398	271/276; 271/900; 355/110	Smith; Richard E.

US 3680688 A	19720801	BATHTUB WRAPPER STRUCTURE	206/320		Smith; Richard K.
US 3675924 A	19720711	PROJECTION GAME APPARATUS INCLUDING PAPER CLIP PROJECTOR AND CLOSELY SPACED TARGET POSTS	273/337	124/7	Smith; Richard D.
US 3673573 A	19720627	COMPUTER WITH PROGRAM TRACING FACILITY	714/45		Smith; Richard Deming
US 3672341 A	19720627	AIR POLLUTION-FREE INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING SAME	123/536	123/25C; 123/25R; 123/305; 123/568.14; 123/DIG.12; 261/16; 60/39.461	Smith; Richard D. et al.
US 3669855 A	19720613	CONTROL OF INTEGRAL COLOR ANODIZING PROCESS	205/83		Smith; Richard L.
US 3667428 A	19720606	DEVELOPING SYSTEMS	399/239	399/284	Smith; Richard E.
US 3656737 A	19720418	SAFETY DEVICES FOR TENSION SPRINGS	267/73		Smith; Richard D. et al.
US 3654705 A	19720411	FLUIDIZED BED VAPOR COMPRESSION DRYING APPARATUS AND METHOD	34/368	159/DIG.3	Smith; Richard D. et al.
US 3652877 A	19720328	RADIATION COMPENSATION CIRCUIT	307/117	250/336.1; 327/509; 361/205	Smith; Richard A.
US 3650295 A	19720321	ROTARY VALVE	137/614.17	137/624.15; 137/625.15; 137/625.24	Smith; Richard J.
US 3649906 A	19720314	PROGRAMMABLE DC POWER SUPPLY	323/268	323/274	Carpentier; Richard A. et al.
US 3644238 A	19720222	CELLULAR MATERIAL INHIBITED FROM FOULING WITH MICRO- ORGANISM GROWTH	424/412	106/18.31; 424/409; 514/643; 521/52; 521/55	Smith; Richard L.
US 3638948 A	19720201	CHANCE-CONTROLLED MARBLE GAME	273/275	273/282.1	Smith; Richard D.
US 3634016 A	19720111	PROCESS FOR DYEING NATURAL AND SYNTHETIC POLYAMIDE	8/611	8/917; 8/924	Rose, Jr.; John L. et al.

		FIBERS WITH ACID DYESTUFF AND COMPOSITION THEREFOR			
US 3619436 A	19711109	BOWLING PIN	264/46.6	264/45.4; 264/45.5; 264/45.7; 264/46.7; 264/51; 428/218; 428/310.5	Gruss; George A. et al.
US 3614035 A	19711019	CHANGE DETECTOR	244/175	244/3.17; 250/549; 342/64	Buynak; George R. et al.
US 3613746 A	19711019	CONTAINER-FILLING APPARATUS AND METHOD	141/5	141/11; 141/47; 426/397	Smith; Richard A. et al.
US 3612201 A	19711012	SELF-PROPELLED PLATFORM TOWER	180/8.6	405/201; 440/36	Smith; Richard H.
US 3608660 A	19710928	SMOG-FREE AUTOMOBILE AND METHOD OF OPERATING SAME	180/69.5	123/1A; 123/25C; 123/DIG.12; 137/513.7; 280/834; 55/DIG.30	Smith; Richard D. et al.
US 3608529 A	19710928	AIR-POLLUTION-FREE AUTOMOBILE AND METHOD OF OPERATING SAME	123/25C	123/1A; 123/536; 123/DIG.12	Smith; Richard D. et al.
US 3607836 A	19710921	NEW COLOR IMPROVED POLYESTERS OF CHLORENDIC ACID OR ANHYDRIDE	528/286	524/710; 524/741; 524/811; 524/832; 524/851; 528/298; 528/303	Smith; Richard L.
US 3598090 A	19710810	VAPOR GENERATOR	122/250R	110/308	Smith; Richard J.
US 3596614 A	19710803	FLUID BED REACTOR MATERIAL COMBUSTION APPARATUS	110/216	110/233; 110/245	Smith; Richard S. et al.
US 3596052 A	19710727	WELDING ROD HOLDER ARRANGEMENT	219/138	219/144	Smith; Richard F.
US 3595165 A	19710727	ADDRESSING MACHINE WITH TOGGLE-LINK MECHANISM	101/48	101/269; 101/56	Smith; Richard A. et al.
US 3591206	19710706	ROTARY WATER	285/98	285/136.1;	Giovagnoli; Paul S.

A		DISTRIBUTOR FOR ROTATABLE SPRAY ASSEMBLY		285/14; 285/370	et al.
US 3589313 A	19710629	SOLID WASTE DISPOSAL METHOD AND APPARATUS	110/222	110/233; 110/245; 55/315; 55/343; 55/346; 55/432; 55/447; 55/459.1	Smith; Richard D. et al.
US 3576091 A	19710427	DRYWALL JOINT SYSTEMS AND METHOD FOR MAKING THE SAME	52/309.3	156/71; 428/44; 428/53; 428/61; 428/703; 52/417; 52/746.1	Shull, Jr.; John D. et al.
US 3572744 A	19710330	AUTOMOTIVE STEERING STABILIZERS	280/90	180/437	Smith; Richard L.
US 3564126 A	19710216	ELECTRONIC WRITE IN AND IMAGE ROTATION CONTROL IN AN ELECTRONIC IMAGE CORRELATOR TUBE	348/61	348/117	Koch; Richard F. et al.
US 3550791 A	19701229	MATERIALS STORAGE AND CONVEYING ASSEMBLY [TEXT AVAILABLE IN USOCR DATABASE]	414/304	222/389; 222/405	FURLONG DALE A et al.
US 3548199 A	19701215	PARAMETRIC DEVICES UTILIZING BA2NANB5O15 [TEXT AVAILABLE IN USOCR DATABASE]	359/328	330/4.5; 359/330	GEUSIC JOSEPH E et al.
US 3544894 A	19701201	APPARATUS FOR PERFORMING COMPLEX WAVE ANALYSIS [TEXT AVAILABLE IN USOCR DATABASE]	324/76.29	324/76.12; 324/76.44; 324/76.68; 702/76	SMITH RICHARD A et al.
US 3540388 A	19701117	GASIFICATION MATERIAL COMBUSTION METHOD AND APPARATUS [TEXT AVAILABLE IN USOCR DATABASE]	110/227	110/234; 110/245	FURLONG DALE A et al.
US 3533755 A	19701013	RADIATION RESISTANT LITHIUM TANTALATE	23/293R	252/62.9R; 29/25.35	SMITH RICHARD G et al.

		AND METHOD OF PRODUCING SAME [TEXT AVAILABLE IN USOCR DATABASE]			
US 3532049 A	19701006	RETORT [TEXT AVAILABLE IN USOCR DATABASE]	99/371	366/225	SMITH RICHARD A et al.
US 3530439 A	19700922	COMPUTER MEMORY ADDRESS GENERATOR [TEXT AVAILABLE IN USOCR DATABASE]	711/214	711/220	SMITH RICHARD D
US 3524639 A	19700818	AUTOMATIC FEEDING DEVICE [TEXT AVAILABLE IN USOCR DATABASE]	271/10.02		HEILER PAUL S et al.
US 3521744 A	19700728	REINFORCED SHIPPING CONTAINER FOR BATHTUBS [TEXT AVAILABLE IN USOCR DATABASE]	206/320	229/103.2; 229/199; 229/199.1	SMITH RICHARD K
US 3520969 A	19700721	METHOD OF MAKING A BOWLING PIN [TEXT AVAILABLE IN USOCR DATABASE]	264/262	264/266; 264/275; 273/DIG.8; 425/404; 425/501; 425/520; 473/122	SMITH RICHARD A
US 3518172 A	19700630	PROCESS FOR THE ELECTROLYSIS OF ALUMINUM CHLORIDE [TEXT AVAILABLE IN USOCR DATABASE]	205/394	205/395	HUML JAMES O et al.
US 3516133 A	19700623	HIGH TEMPERATURE BULK CAPACITOR [TEXT AVAILABLE IN USOCR DATABASE]	29/25.42	16/96R; 228/903; 65/155; 65/45; 65/59.34	MOULTON CHARLES W et al.
US 3510206 A	19700505	TRANSPARENT MIRROR HAVING ELECTROMAGNETICALLY ADJUSTABLE REFLECTOR ELEMENTS [TEXT AVAILABLE IN USOCR DATABASE]	359/225	359/876	SMITH RICHARD D
US 3507258 A	19700421	VAPOR GENERATOR CONTROL [TEXT	122/448.1	122/451R; 122/504	SMITH RICHARD J

		AVAILABLE IN USOCR DATABASE]			
US 3503737 A	19700331	PROCESS FOR THE SEPARATION OF AI AND SI [TEXT AVAILABLE IN USOCR DATABASE]	75/684	423/133; 423/344	HUML JAMES O et al.
US 3496290 A	19700217	BOOTSTRAP. CORRELATION UTILIZING A DUAL SECTION ELECTRON IMAGE STORAGE TUBE [TEXT AVAILABLE IN USOCR DATABASE]	382/278	315/11; 315/12.1	SMITH RICHARD H
US 3495134 A	19700210	ROTA-PAK SYSTEM CONCEPT [TEXT AVAILABLE IN USOCR DATABASE]	361/735	361/775; 361/776; 439/61	COLLINS JOHN F et al.
US 3485538 A	19691223	JOURNAL MOUNTING FOR ROTATABLE SHAFT [TEXT AVAILABLE IN USOCR DATABASE]	384/215		NOGLE THOMAS D et al.
US 3483567 A	19691209	RECORDING DISPLACEMENT GAGE [TEXT AVAILABLE IN USOCR DATABASE]	346/77R	33/784; 346/111	SAVAGE ROBERT J et al.
US 3482836 A	19691209	WOOD BOWLING PIN WITH PLASTIC PROTECTIVE CLADDING [TEXT AVAILABLE IN USOCR DATABASE]	473/123	118/52; 273/DIG.8	SMITH RICHARD A
US 3482185 A	19691202	LOW IMPEDANCE THERMAL JOINT [TEXT AVAILABLE IN USOCR DATABASE]	372/36	372/34	SMITH RICHARD G et al.
US 3478134 A	19691111	PROCESS FOR THE MANUFACTURE OF BOWLING PINS [TEXT AVAILABLE IN USOCR DATABASE]	264/46.4	156/213; 264/275; 264/279.1; 264/45.4; 264/45.5; 264/45.7; 264/46.6; 264/46.7; 264/54; 273/DIG.10; 273/DIG.12; 273/DIG.2;	GRUSS GEORGE A et al.

				273/DIG.3; 273/DIG.4; 273/DIG.5; 273/DIG.6; 273/DIG.8; 273/DIG.9; 425/817R; 428/218; 428/318.6; 473/119; 521/137	
US 3476567 A	19691104	PROCESS FOR PREPARING EXPANDED CORNMEAL EXTRUSIONS [TEXT AVAILABLE IN USOCR DATABASE]	426/448		GIBNEY GRANT OMER et al.
US 3476349 A	19691104	ADJUSTABLE SUPPORT [TEXT AVAILABLE IN USOCR DATABASE]	248/476	359/873; 403/362; 403/375	SMITH RICHARD G
US 3476303 A	19691104	COLLAPSIBLE RECEPTACLE [TEXT AVAILABLE IN USOCR DATABASE]	229/117.08	229/122; 229/198.1	SMITH RICHARD DUNHAM
US 3471719 A	19691007	GATED FILTER AND SAMPLE HOLD CIRCUIT [TEXT AVAILABLE IN USOCR DATABASE]	327/553	327/574; 327/94	SMITH RICHARD
US 3470413 A	19690930	PROJECTOR LAMP FILAMENT SUPPORT [TEXT AVAILABLE IN USOCR DATABASE]	313/331	313/311; 313/315; 313/344; 313/578	SMITH RICHARD E et al.
US 3470018 A	19690930	THIN FILM CAPACITOR [TEXT AVAILABLE IN USOCR DATABASE]	428/215	257/532; 361/321.5; 427/255.31; 427/255.38; 427/79; 428/457	HACSKAYLO MICHAEL et al.
US 3456824 A	19690722	DEEP SEA REFUSE DISPOSAL [TEXT AVAILABLE IN USOCR DATABASE]	414/803	100/35; 414/137.7	SMITH RICHARD H
US 3449029 A	19690610	BEARING ASSEMBLY AND SEAL [TEXT AVAILABLE IN USOCR DATABASE]	384/482	384/486	SMITH RICHARD J
US 3448716 A	19690610	MAGNETIC PRESSURE INDICATOR [TEXT	116/267	210/90	SMITH RICHARD G

		AVAILABLE IN USOCR DATABASE]			
US 3446650 A	19690527	COATING MATERIAL AND METHOD OF APPLICATION [TEXT AVAILABLE IN USOCR DATABASE]	220/567.2	106/14.15; 106/18.31; 244/135R; 428/458; 428/462; 523/122; 524/156; 524/236; 524/237	SMITH RICHARD L
US 3440473 A	19690422	LAMP FILAMENT JOINT FOR INCANDESCENT LAMPS [TEXT AVAILABLE IN USOCR DATABASE]	313/271	313/115; 313/272; 313/273; 313/279; 313/315; 313/341; 313/344	FLEMING RAYMOND T et al.
US 3417286 A	19681217	Fused projector lamp [TEXT AVAILABLE IN USOCR DATABASE]	315/74	313/113; 313/314; 315/75; 337/276	SMITH RICHARD E et al.
US 3415981 A	19681210	Electronic computer with program debugging facility [TEXT AVAILABLE IN USOCR DATABASE]	714/38	714/34	SMITH RICHARD D et al.
US 3414691 A	19681203	Switch for selectively connecting two electrical power sources in either parallel or series relationship [TEXT AVAILABLE IN USOCR DATABASE]	200/16A	200/16R	SMITH RICHARD L
US 3409227 A	19681105	Sprinkler [TEXT AVAILABLE IN USOCR DATABASE]	239/97	239/251; 239/265; 239/726; 285/374	SMITH RICHARD M
US 3404885 A	19681008	Bowling pin [TEXT AVAILABLE IN USOCR DATABASE]	473/123	273/DIG.6; 273/DIG.8	SMITH RICHARD A
US 3404398 A	19681001	Terrain following system employing intermittent radiation [TEXT AVAILABLE IN USOCR DATABASE]	342/65	342/88	HOBAN THOMAS W et al.
US 3397889 A	19680820	Bowling pin with wood core and fabric reinforced resin	473/120		SMITH RICHARD A

		cover [TEXT AVAILABLE IN USOCR DATABASE]			
US 3396664 A	19680813	Floating ring viscous pump [TEXT AVAILABLE IN USOCR DATABASE]	415/90	184/6	SMITH RICHARD J
US 3395663 A	19680806	Deep sea refuse disposal [TEXT AVAILABLE IN USOCR DATABASE]	114/28		SMITH RICHARD H
US 3395631 A	19680806	Thermal developing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	355/100	250/492.1; 250/580; 355/106	SMITH RICHARD E
US 3388934 A	19680618	Hub and smooth shaft spring key arrangement [TEXT AVAILABLE IN USOCR DATABASE]	403/357	411/523	CRAIG RICHARD W et al.
US 3386817 A	19680604	Process for the reduction of metal oxides [TEXT AVAILABLE IN USOCR DATABASE]	75/613	75/395; 75/614; 75/622; 75/623	HUML JAMES O et al.
US 3384147 A	19680521	Electrically adjustable venetian blind structure [TEXT AVAILABLE IN USOCR DATABASE]	160/107	359/236; 49/67	SMITH RICHARD D
US 3382395 A	19680507	Projection lamp with glass reflector spring clip support [TEXT AVAILABLE IN USOCR DATABASE]	313/113	313/271; 313/275	SMITH RICHARD E et al.
US 3381735 A	19680507	Deflation-proof vehicle tires [TEXT AVAILABLE IN USOCR DATABASE]	152/313		TALCOTT THOMAS D et al.
US 3372511 A	19680312	Air-jet-operated toy spinning top [TEXT AVAILABLE IN USOCR DATABASE]	446/202		SMITH RICHARD L et al.
US 3370605 A	19680227	ACTUATOR FOR A DRAINAGE DEVICE [TEXT AVAILABLE IN USOCR DATABASE]	137/187	137/204; 137/396; 251/368	SMITH RICHARD F
US 3366428 A	19680130	Bearing assembly and seal [TEXT AVAILABLE IN USOCR DATABASE]	384/482	277/362; 277/364; 277/380; 277/562	SMITH RICHARD J
US 3364815 A	19680123	Automatic focus system [TEXT AVAILABLE IN USOCR DATABASE]	355/57	352/140	SMITH RICHARD H et al.
US 3351197 A	19671107	Article sorting apparatus [TEXT AVAILABLE IN	209/573	209/598; 209/644	SMITH RICHARD T

		USOCR DATABASE]			
US 3348094 A	19671017	Projection lamp including a blackening control device [TEXT AVAILABLE IN USOCR DATABASE]	315/71	313/113; 313/557	SMITH RICHARD E
US 3342062 A	19670919	Leak testing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	73/49.2	116/271	SMITH RICHARD S et al.
US 3334779 A	19670808	Closure for automotive fuel tanks and the like [TEXT AVAILABLE IN USOCR DATABASE]	220/86.2	220/229	SMITH RICHARD N
US 3330984 A	19670711	Ballasted incandescent projection lamp [TEXT AVAILABLE IN USOCR DATABASE]	313/115	313/272; 313/316	SMITH RICHARD E
US 3315397 A	19670425	Flare gun having quick disconnect coupling [TEXT AVAILABLE IN USOCR DATABASE]	42/1.15	124/80	GILLIAM CLARENCE W et al.
US 3306687 A	19670228	Single row spherical bearing [TEXT AVAILABLE IN USOCR DATABASE]	384/450		SMITH RICHARD J
US 3301157 A	19670131	Thermal developing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	250/580	219/216; 250/492.1; 396/579; 396/612	SMITH RICHARD E et al.
US 3300327 A	19670124	Coating to prevent heat sealing of polyolefin surfaces [TEXT AVAILABLE IN USOCR DATABASE]	229/5.81	428/195.1; 428/201	SMITH RICHARD L et al.
US 3299425 A	19670117	Vehicle guidance apparatus utilizing wave generated range only information [TEXT AVAILABLE IN USOCR DATABASE]	342/64	367/100; 367/96	SMITH RICHARD H et al.
US 3297448 A	19670110	Method for continuous cooking and sterilization of liquids and suspensions [TEXT AVAILABLE IN USOCR DATABASE]	426/474		SMITH RICHARD A et al.
US 3293804 A	19661227	Apparatus for sharpening obliquely beveled tool edges [TEXT AVAILABLE IN USOCR DATABASE]	451/282		SMITH RICHARD B
US 3290658	19661206	Electronic computer with	710/269		CALLAHAN

A		interrupt facility [TEXT AVAILABLE IN USOCR DATABASE]			JAMES F et al.
US 3290546 A	19661206	Cathode ray tube image matching apparatus [TEXT AVAILABLE IN USOCR DATABASE]	315/12.1	250/549; 315/11; 342/64	LINK THOMAS V et al.
US 3289825 A	19661206	Shipping wrapper for bathtubs [TEXT AVAILABLE IN USOCR DATABASE]	206/320	229/122.24; 229/122.32	SMITH RICHARD K
US 3288461 A	19661129	Sheet feeding apparatus [TEXT AVAILABLE IN USOCR DATABASE]	271/35	271/110; 271/265.01	SMITH RICHARD E
US 3278208 A	19661011	Fastening device for cabinets [TEXT AVAILABLE IN USOCR DATABASE]	312/263	312/140; 5/295	SMITH RICHARD J
US 3268617 A	19660823	Isomerization of methyl-pentenes using tungsten oxide catalysts [TEXT AVAILABLE IN USOCR DATABASE]	585/670	502/315	MENAPACE HENRY R et al.
US 3253869 A	19660531	Drawn shell roller bearing [TEXT AVAILABLE IN USOCR DATABASE]	384/564		SMITH RICHARD J
US 3240646 A	19660315	Method for producing fabric reinforced plastic coated bowling pins [TEXT AVAILABLE IN USOCR DATABASE]	156/213	156/214; 264/274; 273/DIG.12; 273/DIG.3; 273/DIG.4; 273/DIG.6; 273/DIG.8; 273/DIG.9; 473/119	SMITH RICHARD A
US 3230296 A	19660118	Contact terminal assembly with different geometric configured contacts on either side of a plate [TEXT AVAILABLE IN USOCR DATABASE]	174/50.6	174/50.56	BRIDGES FRANK R et al.
US 3229903 A	19660118	Mail box signal [TEXT AVAILABLE IN USOCR DATABASE]	232/35	116/215; 116/321	SMITH RICHARD G
US 3220731 A	19651130	Deterioration and impact - resistant wooden surfaces and bowling pins [TEXT AVAILABLE IN USOCR	473/123	106/162.5; 106/162.51; 273/DIG.1; 273/DIG.2;	GERMINO FELIX J et al.

		DATABASE]		273/DIG.5; 273/DIG.8; 427/408; 427/415; 428/511; 428/535; 428/541	
US 3212701 A	19651019	Mail box signal [TEXT AVAILABLE IN USOCR DATABASE]	232/35	116/215	SMITH RICHARD G
US 3212405 A	19651019	Method for cutting internal spherical surfaces [TEXT AVAILABLE IN USOCR DATABASE]	409/132	409/199	SMITH RICHARD J
US 3212204 A	19651019	Badge, sign, or the like and method of making the same [TEXT AVAILABLE IN USOCR DATABASE]	40/1.5	40/331; 40/615; D11/105	SMITH RICHARD J
US 3183079 A	19650511	Uranium-niobium-aluminum ternary alloy [TEXT AVAILABLE IN USOCR DATABASE]	420/7	420/552; 976/DIG.94	LAYNE GILBERT S et al.
US 3182458 A	19650511	Temperature compensator units for hydraulic circuits [TEXT AVAILABLE IN USOCR DATABASE]	60/572	137/593; 138/31; 60/592; 92/1	SMITH RICHARD D
US 3181071 A	19650427	Apparatus for quieting plate pulsed uhf oscillators [TEXT AVAILABLE IN USOCR DATABASE]	327/181	315/5.42; 327/300; 331/87; 331/88	SMITH RICHARD A et al.
US 3177879 A	19650413	Lipstick applicator [TEXT AVAILABLE IN USOCR DATABASE]	132/320	D28/7	SMITH RICHARD E
US 3173192 A	19650316	Method for fabricating roller bearing retainers [TEXT AVAILABLE IN USOCR DATABASE]	29/898.065	72/203	SMITH RICHARD J
US 3169601 A	19650216	Acoustical cabinet for loudspeakers [TEXT AVAILABLE IN USOCR DATABASE]	181/156		SMITH RICHARD M
US 3169020 A	19650209	Bowling pin [TEXT AVAILABLE IN USOCR DATABASE]	473/124	273/DIG.1; 273/DIG.11; 273/DIG.4; 273/DIG.5; 273/DIG.6;	SMITH RICHARD A

				29/451	
US 3166729 A	19650119	Rectilinear potentiometer [TEXT AVAILABLE IN USOCR DATABASE]	338/183	338/299; 338/302	BAKER DONALD C et al.
US 3166388 A	19650119	Sandpaper [TEXT AVAILABLE IN USOCR DATABASE]	51/296	51/297; 51/298; 51/300	SMITH RICHARD M et al.
US 3155056 A	19641103	Plastic or dough mixing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	366/77	366/144; 366/97	SMITH RICHARD N et al.
US 3154049 A	19641027	Magnetic pressure indicator [TEXT AVAILABLE IN USOCR DATABASE]	116/267	116/DIG.42; 200/81.9M; 210/90; 73/38	SMITH RICHARD G et al.
US 3147975 A	19640908	Bowling pin [TEXT AVAILABLE IN USOCR DATABASE]	473/122	12/133M; 264/45.4; 264/45.5; 264/46.6; 264/46.7; 273/DIG.11; 273/DIG.12; 273/DIG.2; 273/DIG.3; 273/DIG.4; 273/DIG.6; 273/DIG.7; 273/DIG.8; 273/DIG.9	GRUSS GEORGE A et al.
US 3139812 A	19640707	Method of and apparatus for the continuous cooking and sterilization of liquids and suspensions [TEXT AVAILABLE IN USOCR DATABASE]	99/334	99/355; 99/357; 99/468; 99/470	SMITH RICHARD A et al.
US 3134255 A	19640526	Carpet wear tester [TEXT AVAILABLE IN USOCR DATABASE]	73/7		OLIVER JR KENNETH R et al.
US 3116211 A	19631231	Method and apparatus for examining fuel elements for leakage [TEXT AVAILABLE IN USOCR DATABASE]	376/251	250/282; 976/DIG.224	SMITH RICHARD R et al.
US 3115818 A	19631231	Air confined system [TEXT AVAILABLE IN USOCR DATABASE]	454/191	34/242; 34/92	SMITH RICHARD A
US 3115208	19631224	Speaker systems and sound	181/144		SMITH RICHARD

A		chambers therefor [TEXT AVAILABLE IN USOCR DATABASE]			M
US 3110010 A	19631105	Traffic directing system for parking areas [TEXT AVAILABLE IN USOCR DATABASE]	340/932.2	377/9	SMITH RICHARD R
US 3103910 A	19630917	Leak testing apparatus [TEXT AVAILABLE IN USOCR DATABASE]	116/276	73/40	SMITH RICHARD S et al.
US 3098018 A	19630716	Sealing anodized aluminum [TEXT AVAILABLE IN USOCR DATABASE]	205/204		KISSIN GERALD H et al.
US 3096281 A	19630702	Filter construction [TEXT AVAILABLE IN USOCR DATABASE]	210/487	210/448; 210/493.1	MCMAHON JAMES M et al.
US 3085906 A	19630416	Reinforced paper [TEXT AVAILABLE IN USOCR DATABASE]	428/292.7	162/146; 162/149; 162/157.6; 428/343	CARLYLE HARMON et al.
US 3073767 A	19630115	Reactor fuel elements testing container [TEXT AVAILABLE IN USOCR DATABASE]	376/253	73/45.5; 976/DIG.232	KIRBY WHITHAM GEORGE et al.
US 3057187 A	19621009	Consistency regulator [TEXT AVAILABLE IN USOCR DATABASE]	73/54.32		READ DOUGLAS E et al.
US 3028027 A	19620403	Unloading station [TEXT AVAILABLE IN USOCR DATABASE]	414/728	414/392; 414/402; 446/425	SMITH RICHARD G
US 3015411 A	19620102	Spill-proof device [TEXT AVAILABLE IN USOCR DATABASE]	220/714	222/518	SMITH RICHARD B
US 3004804 A	19611017	Pivoted shoe bearing with force-feed lubrication [TEXT AVAILABLE IN USOCR DATABASE]	384/311	384/312	OSCAR PINKUS et al.
US 2996916 A	19610822	Means of connecting thermocouples to obtain true arithmetical average [TEXT AVAILABLE IN USOCR DATABASE]	374/115	374/144	SMITH RICHARD J
US 2985982 A	19610530	Culvert loader and car [TEXT AVAILABLE IN USOCR DATABASE]	446/424	414/345	SMITH RICHARD G
US 2972767	19610228	Doctor assembly and front	15/256.51	100/174	SMITH

A		removable blade and holder therefor with capacity for oscillation [TEXT AVAILABLE IN USOCR DATABASE]			RICHMOND W
US 2962460 A	19601129	Coating compositions [TEXT AVAILABLE IN USOCR DATABASE]	525/162	525/111.5; 525/118; 525/133.5; 525/143; 525/159	CHAPIN EARL C et al.
US 2957853 A	19601025	Terpolymer systems containing carboxyl groups and hydroxyl groups [TEXT AVAILABLE IN USOCR DATABASE]	526/318.3	525/118; 525/143; 525/159; 525/162; 525/170; 526/318.1; 526/318.42	CHAPIN EARL C et al.
US 2955973 A	19601011	Perfluorochloroolefin polymers to base materials [TEXT AVAILABLE IN USOCR DATABASE]	156/278	427/195; 428/422	SMITH RICHARD A
US 2955789 A	19601011	Knife rack [TEXT AVAILABLE IN USOCR DATABASE]	211/70.6	211/70.7; 248/37.3; D7/641	SMITH RICHARD B
US 2945835 A	19600719	Aliphatic ester group and hydroxyl group containing interpolymers [TEXT AVAILABLE IN USOCR DATABASE]	525/162	524/364; 524/365; 524/390; 525/107; 525/118; 525/134; 525/143; 525/176	CHAPIN EARL C et al.
US 2937731 A	19600524	Self-tightening dental overrunning clutch transmission [TEXT AVAILABLE IN USOCR DATABASE]	192/104R	74/7R	SMITH RICHARD E
US 2937109 A	19600517	Pressure-sensitive adhesive tape [TEXT AVAILABLE IN USOCR DATABASE]	428/343	36/DIG.1; 428/496	CHARLES BARTELL et al.
US 2909932 A	19591027	Mesh-enforcing means for engine starter gearing [TEXT AVAILABLE IN USOCR DATABASE]	74/6	74/339	SMITH RICHARD E
US 2907873 A	19591006	Reflector for lamps [TEXT AVAILABLE IN USOCR DATABASE]	362/320	359/846; 362/350	SMITH RICHARD T

		DATABASE]			
US 2907216 A	19591006	Reversible engine starter gearing [TEXT AVAILABLE IN USOCR DATABASE]	74/7R		SMITH RICHARD E
US 2905241 A	19590922	Cleaning and conditioning device [TEXT AVAILABLE IN USOCR DATABASE]	162/279		SMITH RICHMOND W
US 2900359 A	19590818	Interpolymers of acrylonitrile, an allyl alcohol and a styrene compound, process of preparing same and coating composition therefrom [TEXT AVAILABLE IN USOCR DATABASE]	525/162	525/142; 525/144; 525/160; 525/164	CHAPIN EARL C et al.
US 2897174 A	19590728	Styrene-allyl alcohol-acrylic ester terpolymers, process for preparing same and coating composition therefrom [TEXT AVAILABLE IN USOCR DATABASE]	525/162	525/134; 525/143; 525/144; 525/160; 525/163	CHAPIN EARL C et al.
US 2894938 A	19590714	Copolymer of a styrene compound and an unsaturated alcohol [TEXT AVAILABLE IN USOCR DATABASE]	526/227	526/293; 526/347; 526/64	CHAPIN EARL C et al.
US 2876584 A	19590310	Animated toy freight handling truck [TEXT AVAILABLE IN USOCR DATABASE]	446/428	414/744.5; 472/38	SMITH RICHARD G
US 2866765 A	19581230	Lubricating ink composition, process for coating a polymer surface therewith, and resulting articles [TEXT AVAILABLE IN USOCR DATABASE]	428/421	427/393.5; 427/445; 428/422; 428/516; 428/520; 524/108; 524/110; 524/111	SMITH RICHARD A
US 2855388 A	19581007	Terpolymer systems containing lactone groups [TEXT AVAILABLE IN USOCR DATABASE]	526/324	524/233; 524/361; 524/390; 524/391; 524/559; 526/293; 526/72	CHAPIN EARL C et al.
US 2852321 A	19580916	Sealed bearing assembly [TEXT AVAILABLE IN USOCR DATABASE]	384/482	277/361; 277/402	SMITH RICHARD J
US 2846815	19580812	Toy railroad accessories	446/358	414/397;	SMITH RICHARD

A		[TEXT AVAILABLE IN USOCR DATABASE]		446/424	G
US 2845002 A	19580729	Ejection device [TEXT AVAILABLE IN USOCR DATABASE]	89/1.14	102/261; 102/334; 102/357; 294/82.29; 89/1.51	EDWARDS PHILIP B et al.
US 2817651 A	19571224	Soluble copolymers [TEXT AVAILABLE IN USOCR DATABASE]	526/72	525/143; 525/162; 525/176; 526/227	CHAPIN EARL C et al.
US 2794566 A	19570604	Wall paper hanging, pasting, and trimming device [TEXT AVAILABLE IN USOCR DATABASE]	156/575	156/577	SMITH RICHARD M
US 2789960 A	19570423	Perfluorochloroolefin polymers plasticized with perfluorochloroolefin copolymers [TEXT AVAILABLE IN USOCR DATABASE]	525/199	524/113; 524/520	SMITH RICHARD A
US 2789959 A	19570423	Perfluorochloroolefin homopolymer plasticized with perchloroolefin copolymers [TEXT AVAILABLE IN USOCR DATABASE]	525/199	524/113; 524/520	SMITH RICHARD A
US 2785729 A	19570319	Heat sealing thermoplastic polymers [TEXT AVAILABLE IN USOCR DATABASE]	219/530	219/243; 219/531; 219/533; 219/765; 493/379; 493/393	SMITH RICHARD A et al.
US 2774705 A	19561218	Lamination of chlorinated olefins [TEXT AVAILABLE IN USOCR DATABASE]	156/333		SMITH RICHARD A
US 2774704 A	19561218	Lamination of halogenated olefin polymers [TEXT AVAILABLE IN USOCR DATABASE]	428/422	156/333; 428/522	SMITH RICHARD A
US 2774702 A	19561218	Lamination of perfluorochloroolefins and polyacrylonitrile [TEXT AVAILABLE IN USOCR DATABASE]	428/422	156/308.2; 428/522	SMITH RICHARD A
US 2770508 A	19561113	Cam follower bearing [TEXT AVAILABLE IN USOCR]	384/477	74/569	SMITH RICHARD J

		DATABASE]			
US 2751721 A	19560626	Blade sharpening apparatus [TEXT AVAILABLE IN USOCR DATABASE]	451/282	451/293	SMITH RICHARD B
US 2747949 A	19560529	Self-contained seal and bearing assembly [TEXT AVAILABLE IN USOCR DATABASE]	384/484		SMITH RICHARD J
US 2740771 A	19560403	Vinyl ester copolymers [TEXT AVAILABLE IN USOCR DATABASE]	526/330	526/227; 526/72	LONGLEY JR RAYMOND I et al.
US 2719133 A	19550927	Oil-in-water, pigment-in-oil coating compositions and method of making them [TEXT AVAILABLE IN USOCR DATABASE]	523/200	106/262; 106/504; 523/336	SMITH RICHARD G
US 2718441 A	19550920	Self-contained seal and bearing assembly [TEXT AVAILABLE IN USOCR DATABASE]	384/484	277/576	SMITH RICHARD J
US 2716594 A	19550830	Stabilization of sulfur trioxide with methyl silicones [TEXT AVAILABLE IN USOCR DATABASE]	423/271	252/397	MCCANN HAROLD G et al.
US 2711537 A	19550628	Garment waist construction [TEXT AVAILABLE IN USOCR DATABASE]	2/74	2/105; 2/115	SMITH RICHARD M
US 2710469 A	19550614	Electric irons [TEXT AVAILABLE IN USOCR DATABASE]	38/77.7		GERBER DALE C et al.
US 2702403 A	19550222	Sausage skinning machine [TEXT AVAILABLE IN USOCR DATABASE]	452/50		SMITH RICHARD F
US 2663725 A	19531222	Method for the pyrolysis of diacyl cyanides [TEXT AVAILABLE IN USOCR DATABASE]	558/379		REUTER LOUIS F et al.
US 2657845 A	19531103	Container packaging apparatus [TEXT AVAILABLE IN USOCR DATABASE]	53/539	198/403; 53/243; 53/392	SMITH RICHARD A
US 2649729 A	19530825	Electric toaster [TEXT AVAILABLE IN USOCR DATABASE]	99/328	200/35R	SMITH RICHARD H
US 2645063 A	19530714	Blade sharpening device [TEXT AVAILABLE IN USOCR DATABASE]	451/231	451/241; 451/45	SMITH RICHARD B

US 2636829 A	19530428	Protein emulsion coating composition [TEXT AVAILABLE IN USOCR DATABASE]	106/156.3	524/17; 524/18; 524/20; 524/25; 524/26	SMITH RICHARD G et al.
US 2634551 A	19530414	Toy merchandise car [TEXT AVAILABLE IN USOCR DATABASE]	446/427	414/915	SMITH RICHARD G
US 2630463 A	19530303	Electric motor armature [TEXT AVAILABLE IN USOCR DATABASE]	310/271	310/214; 310/262	SMITH RICHARD H
US 2597681 A	19520520	Electric incandescent lamp [TEXT AVAILABLE IN USOCR DATABASE]	313/113	313/276; 313/277; 313/344; 362/307	SMITH RICHARD E
US 2584055 A	19520129	Sequence control mechanism [TEXT AVAILABLE IN USOCR DATABASE]	74/471R		SMITH RICHARD C
US 2556888 A	19510612	Water reducible 1,1-bis (p-chlorophenyl) 2,2,2 trichloroethane pest control compositions stabilized with methyl cellulose [TEXT AVAILABLE IN USOCR DATABASE]	514/750	424/63	SMITH RICHARD G
US 2535656 A	19501226	Apparatus for making molds [TEXT AVAILABLE IN USOCR DATABASE]	164/192	141/125; 141/283; 141/78; 164/206; 164/324; 193/35R; 198/532; 198/635	SMITH RICHARD M
US 2509788 A	19500530	Toy railroad [TEXT AVAILABLE IN USOCR DATABASE]	104/48	188/174; 188/38; 246/415A	SMITH RICHARD G
US 2484900 A	19491018	Wheel fairing lock and release [TEXT AVAILABLE IN USOCR DATABASE]	244/102R		MCPHERSON ARTHUR D et al.
US 2481358 A	19490906	Valved bubble tube [TEXT AVAILABLE IN USOCR DATABASE]	40/406	122/4R; 428/13	SMITH RICHARD A
US 2469010 A	19490503	Razor [TEXT AVAILABLE IN USOCR DATABASE]	30/50	30/75	SMITH RICHARD H
US 2460108 A	19490125	Collapsible carrier [TEXT AVAILABLE IN USOCR DATABASE]	206/179	206/183; 229/117.05;	SMITH RICHARD E et al.

		DATABASE]		229/120.37	
US 2444961 A	19480713	Toy railroad accessories [TEXT AVAILABLE IN USOCR DATABASE]	446/288	237/2R; 446/427	SMITH RICHARD G
US 2443170 A	19480608	Reinforced sheet metal [TEXT AVAILABLE IN USOCR DATABASE]	428/603	244/133; 29/897.34; 428/684; 52/630; D5/53	SMITH RICHARD S
US 2413252 A	19461224	Transparent lid and integral lens [TEXT AVAILABLE IN USOCR DATABASE]	220/377	220/DIG.6; 359/440; 43/57.1; 73/431	SMITH RICHARD E
US 2394495 A	19460205	Diffusing projector lamp [TEXT AVAILABLE IN USOCR DATABASE]	313/111	313/315; 362/307	SMITH RICHARD E
US 2389280 A	19451120	Current collector for toy electric bolling stock [TEXT AVAILABLE IN USOCR DATABASE]	246/195	191/49	SMITH RICHARD G
US 2379259 A	19450626	Art of shipbuilding [TEXT AVAILABLE IN USOCR DATABASE]	114/79W	114/65R	SMITH RICHARD F
US 2373271 A	19450410	Toy crane and self-unloading car [TEXT AVAILABLE IN USOCR DATABASE]	414/346	212/87; 414/340; 414/377; 414/470; 414/915; 446/428	SMITH RICHARD G
US 2373148 A	19450410	Turn-tilt unloading toy railway car [TEXT AVAILABLE IN USOCR DATABASE]	446/435	104/296; 105/159; 105/365; 410/1; 414/386; 414/915	SMITH RICHARD G
US 2366292 A	19450102	Filament joint structure for electric lamps [TEXT AVAILABLE IN USOCR DATABASE]	313/40	313/111; 313/271; 313/273; 313/279; 313/315; 313/344; 313/42; 313/45	SMITH RICHARD E
US 2361659 A	19441031	Box or container [TEXT AVAILABLE IN USOCR DATABASE]	229/225	206/264; 229/146; 229/160.1	SMITH RICHARD E

US 2356895 A	19440829	Discharge and pickup apparatus for traveling toy railway cars [TEXT AVAILABLE IN USOCR DATABASE]	258/6	446/427; 446/435	SMITH RICHARD G
US 2356280 A	19440822	Load catapulting toy railway car [TEXT AVAILABLE IN USOCR DATABASE]	446/428	104/296; 105/238.2	SMITH RICHARD G
US 2351299 A	19440613	Filament connection for electric lamps [TEXT AVAILABLE IN USOCR DATABASE]	313/333		SMITH RICHARD E
US 2335547 A	19431130	Safety razor [TEXT AVAILABLE IN USOCR DATABASE]	30/50		SMITH RICHARD H
US 2320805 A	19430601	Structural tool [TEXT AVAILABLE IN USOCR DATABASE]	72/380	254/100; 269/94; 269/95; 72/386	SMITH RICHARD F
US 2312450 A	19430302	Device for storing toy logs and loading toy cars therewith [TEXT AVAILABLE IN USOCR DATABASE]	414/397	193/32; 414/915	SMITH RICHARD G
US 2290844 A	19420721	Unloading toy vehicle and operating device for the same [TEXT AVAILABLE IN USOCR DATABASE]	446/168	104/296; 105/160; 105/238.2; 414/385; 414/389; 446/427; 446/435	SMITH RICHARD G
US 2281393 A	19420428	Self-unloading toy vehicle [TEXT AVAILABLE IN USOCR DATABASE]	446/428	105/238.2; 105/257	SMITH RICHARD G
US 2277725 A	19420331	Decorating metallic surfaces [TEXT AVAILABLE IN USOCR DATABASE]	29/17.2	101/32; 72/197; 72/198	SMITH RICHARD S et al.
US 2263401 A	19411118	Toy [TEXT AVAILABLE IN USOCR DATABASE]	414/376	414/373; 414/399; 414/915	SMITH RICHARD G
US 2237796 A	19410408	Mixer circuit [TEXT AVAILABLE IN USOCR DATABASE]	333/130	333/22R; 333/32	SMITH RICHARD L
US 2236923 A	19410401	Air cleaning apparatus [TEXT AVAILABLE IN USOCR DATABASE]	96/239	210/523; 210/534; 261/7; 261/90	SMITH RICHARD M

US 2186737 A	19400109	Toy dump car [TEXT AVAILABLE IN USOCR DATABASE]	414/384	105/238.2; 105/270	SMITH RICHARD G
US 2149710 A	19390307	Automatic loader [TEXT AVAILABLE IN USOCR DATABASE]	414/329		SMITH RICHARD G
US 2130602 A	19380920	Double-walled box [TEXT AVAILABLE IN USOCR DATABASE]	229/167	229/122; 229/162.1; 229/170; 229/194	SMITH RICHARD E
US 2121472 A	19380621	Oxidation products of octyl cyclohexanol [TEXT AVAILABLE IN USOCR DATABASE]	568/376	562/590; 564/267; 564/447; 564/462; 568/361; 568/743; 585/357	NIEDERL JOSEPH B et al.
US 2100879 A	19371130	Electric lamp [TEXT AVAILABLE IN USOCR DATABASE]	313/580	313/231.71; 313/240; 313/276	SMITH RICHARD E
US 2089584 A	19370810	Combined brake beam and bottom rod support for railway cars [TEXT AVAILABLE IN USOCR DATABASE]	188/210	248/317; 248/49; 333/81R	SMITH RICHARD D
US 2076325 A	19370406	Safety mechanism for railway car brake riggings [TEXT AVAILABLE IN USOCR DATABASE]	188/210		SMITH RICHARD D
US 2042740 A	19360602	Combined brake beam and bottom rod support for cars [TEXT AVAILABLE IN USOCR DATABASE]	188/210		SMITH RICHARD D
US 2038689 A	19360428	Solid lubricant [TEXT AVAILABLE IN USOCR DATABASE]	508/536	508/537	SMITH RICHARD N et al.
US 2038688 A	19360428	Solid lubricant [TEXT AVAILABLE IN USOCR DATABASE]	508/178	508/539	SMITH RICHARD N et al.
US 2001220 A	19350514	Card dealing device [TEXT AVAILABLE IN USOCR DATABASE]	273/149R		SMITH RICHARD C
US 1973020 A	19340911	Mail box [TEXT AVAILABLE IN USOCR DATABASE]	232/35		SMITH RICHARD L
US 1917778 A	19330711	Key ejecting mechanism [TEXT AVAILABLE IN	70/388	70/408; 70/DIG.30;	SMITH RICHARD B

		USOCR DATABASE]		70/DIG.36	
US 1916393 A	19330704	Pulp screen plate [TEXT AVAILABLE IN USOCR DATABASE]	209/397	210/498; 241/DIG.30	SMITH RICHMOND W
US 1909229 A	19330516	Method of welding metallic structures [TEXT AVAILABLE IN USOCR DATABASE]	228/212	219/137R; 269/165; 269/234; 29/448	SMITH RICHARD F
US 1865284 A	19320628	Metal plate construction and method of forming the same [TEXT AVAILABLE IN USOCR DATABASE]	269/48	219/161; 228/135; 228/178; 52/801.11	SMITH RICHARD F
US 1837078 A	19311215	Ship hull construction [TEXT AVAILABLE IN USOCR DATABASE]	114/79W		SMITH RICHARD F
US 1800161 A	19310407	Safety drop-door hook [TEXT AVAILABLE IN USOCR DATABASE]	105/310.1		SMITH RICHARD D
US 1743693 A	19300114	Automobile license holder [TEXT AVAILABLE IN USOCR DATABASE]	40/200	24/530; 411/520; 411/998	SMITH RICHARD T
US 1711755 A	19290507	Dispenser [TEXT AVAILABLE IN USOCR DATABASE]	222/101	401/155	SMITH RICHARD B
US 1711103 A	19290430	Mechanical movement [TEXT AVAILABLE IN USOCR DATABASE]	74/131		SMITH RICHARD B
US 1631435 A	19270607	Shutter control for cameras [TEXT AVAILABLE IN USOCR DATABASE]	396/389		SMITH RICHMOND W
US 1579844 A	19260406	Safety razor [TEXT AVAILABLE IN USOCR DATABASE]	30/50	30/41; 30/57	SMITH RICHARD H
US 1546321 A	19250714	License-plate holder and illuminating means therefor [TEXT AVAILABLE IN USOCR DATABASE]	40/205	40/209	SMITH RICHARD E
US 1537505 A	19250512	Valve-operating mechanism [TEXT AVAILABLE IN USOCR DATABASE]	251/235	251/280	SMITH RICHARD H
US 1520971 A	19241230	Underreamer [TEXT AVAILABLE IN USOCR DATABASE]	175/281		SMITH RICHARD R
US 1453893 A	19230501	Lantern-slide projecting apparatus [TEXT AVAILABLE IN USOCR	353/110		SMITH RICHARD C

		DATABASE]			
US 1378199 A	19210517	Medicine-administering instrument for hogs [TEXT AVAILABLE IN USOCR DATABASE]	600/243		SMITH RICHARD I